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3 1 (bases 1 to 27)
8 Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
AL Patent: US 6352829-A 80 05-MAR-2002;
Location/Qualifiers
                                       M Unknown.
Unclassified.
2 (horace 1 to 27)
2 1 (bases 1 to 27)
3 Chenchik,A., Joshadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
AL Patent: US 5994076-A 80 30.NOV-1999;
Location/Qualifiers
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
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Patent: US 6489455-A 80,03-DEC-2002;
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Sequence 80 from patent US 6352829.
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Chetverin,A.B. and Kramer,F.R.
Chigonuclectide arrays and their use for sorting, isolating, sequencing, and manipulating nucleic acids
patent: US 6322971-A 6 27-NOV-2001;
Location/Qualifiers
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I (bases 1 to 27)
Garner,H.R. wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 153 29-OCT-2002;
Location/Qualifiers
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1.27
1.27
                          1.8%; Score 20.2; DB 1; Length 25;
88.0%; Pred. No. 76;
tive 0; Mismatches 3; Indels
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1.7%; Score 19; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
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1.7%; Score 19.2; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 21; Conservative 0; Mismatches 3;
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Sequence 153 from patent US 6472154.
AR241865.1 GI:27287677
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AR261539
AR261539.1 GI:28072607
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Best Local Similarity 88.07
Matches 22, ConBervative
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BASE COUNT

RESULT 7 AX043103/c LOCUS DEFINITION

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Eukaryota, Metazoa, Chordata, Catarrhini; Hominidae, Homo.
I (Dasses 1 to 22)
Shimada, K.
Method of comparison and detection of RNA amount and DNA amount
UNITECH CO LTD
OS Homo sapiens (human)
PN JP 200133800-A/1
PP 04-DEC-2001
PP 30-MAY-2000 JP 2000160324
PI KAORI SHIMADA
PC CI201/68,CI2N15/09
CC Method of Comparison and detection of RNA amount and DNA CC
amount
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Location/Qualifiers
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Larity 95.0%; Pred. No. 1.56+02;
Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
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/note="Primer"
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Sequence 2755 from Patent WO0129262.
AX117632 GI:14034583
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Sequence 489 from Patent WO0065088.
AX042923
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Homo sapiens (human)
Homo sapiens
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AX042923/c
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AX117632
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Primers for identifying typing or classifying nucleic acids Patent: WO 0065088-A 669 02-NOV-2000;

Amersham Pharmacia Biotech AB (SE)

Location/Qualifiers

lorganism="synthetic construct"

/wol_type="genomic DNA"

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/note="16S rRNA" Homozygote Primer Sequence"

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Molecular indexing for expressed gene analysis
Patent: 10.26
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/organism="unknown" 25 t
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Sequence 3 from patent US 5707807.
179496.1 GI:3207786
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Sequence 669 from Patent WO0065088.
AX043103
                         174 GCTGACAGTCACAGTGGCCGGGTCAGT 200
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Unclassified.
1 (bases 1 to 26)
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RESULT 8 I79496/c

AUTHORS TITLE JOURNAL

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PAT 29-SEP-1999
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Patent: WO 9732023-A 27 04-SEP-1997;
FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL ZENON (AU)
LOCALION/Qualifiers
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1 (bases 1 to 20)
Holton, T.Albert,, Cornish, E.Cecily., Kovacic, F., Tanaka, Y. and Lester, D.Ruth.
Genetic sequences encoding flavonoid pathway enzymes and uses
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 33 27-MAR-2001;
Location/Qualifiers
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/ organism="synthetic construct"
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/ note="Oligonuclectide"
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Pred. No. 1.4e+02;
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0;
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7 100.0%; Pred. No. ...
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Seguence 33 from patent US 6207417.
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AR139961.1 GI:14482457
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AR139961/c
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AR030917/c
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Genetic sequences encoding flavonoid pathway enzymes and uses
therefor
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 514 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                      Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying nucleic acids
Patent: WO 005608-A 489 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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/noTe="16S rRNA Homozygote Primer Sequence"
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87.0%; Pred. No. 1.6e+02;
tive 0; Mismatches 3; Indels
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87.0%; Pred. No. 1.6e+02;
tive 0; Mismatches 3;
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Sequence 514 from Patent W0006508B.
AX042248
AX042948.1 GI:11341556
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RESULT 16 AR140280/c

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BD056964 25-bp DNA linear PAT 27-AUG-2002 Sets of labeled energy transfer fluorescent primers and their use in multi component analysis.
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JP 2001509271.A/1.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta, Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots; coresids, eurosids II; Brassicales; Brassicaceae, Arabidopsis.

1 (bases 1 to 25)
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Holton, T.A., Cornish, E.C., Kovacic, F., Tanaka, Y. and Lester, D.R. Genetic sequences encoding flavonoid pathway enzymes and uses therrefor S569832-A 20 29-OCT-1996; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown.
Unclassified.
1 (Bases 1 to 20)
Holton,T.Albert., Cornish,E.Cecily. and Tanaka,Y.
Genetic sequences encoding flavonoid pathway enzymes and uses
therefor
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Best Local Similarity 100.0%; Pred, No. 1.48+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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Sequence 11 from patent US 5639870.
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Unknown.
Unclassified.
Unclassified.
Lobses I to 20)
I Seebo, X. M., Bosselman, R. A., Suggs, S. V. and Martin, F. H.
Method for enhancing the effciency of gene transfer with stem cell
factor (SCP) polypeptide
factor (SCP) polypeptide
Factor (SCP) polyseptide
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Unclassified.
Unclassified.
1 (bases 1 to 20)
Zsebo.K.M. Bosselman, R.A., Suggs, S.V. and Martin, F.H. Stem cell factor and compositions
Patent: US 6207802-A 33 27-MAR-2001;
Location/Qualifiers
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1.6%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Sequence 33 from patent US 6207454.
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AR140280.1 GI:14482776
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Sequence 20 from patent US 5569832.
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Unclassified.
1 (bases 1 to 20)
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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AUTHORS TITLE

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FEATURES

BASE COUNT

RESULT 17 AR140558/c LOCUS

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RESULT 18 I28309/c

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PAT 06-JUL-2002
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 511 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/organism="synthetic construct"
/nol_type="genomic DNA"
/db_xref="texon:32630"
/note="16S rRNA Homozygote Primer Sequence"
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90.5%; Pred. No. 1.7e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                Berlin, K.
Method for the detection of cytosine methylations
Patent: WO 0231186-A 21 18-APR-2002;
Epigenomics AG (DE)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="taxon:32630"
/note="Primer"
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Sequence 50 from patent US 5756684.
AR010037
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Sequence 511 from Patent WO006508B.
AX042945.
AX042945.1 GI:11341553
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Best Local Similarity 90.5%
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Matches 19; Conserv
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1.6%; Score 17.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 2; Mismatches 0; Indels
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100.0%; Pred. No. 1.8e+02;
Live 0; Mismatches 0; Indels
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Emrich, T. and Leying, H.
METHOD OF DETECTIVITY
PATCHE: WO 9720069-A 6 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE); EMRICH THOMAS (DE)
LOCATION/Qualifiers
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Emrich,T., Leying,H., Hinzpeter,M. and Karl,G.
Method of detecting telomerase activity
Patent: US 6221584-A 6 24-APR-2001;
Location/Qualifiers
                                                                                  /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/db_xref="taxon:3702"
Topology: Linear;
Key Location/Qualifiers
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Sequence 6 from patent US 6221584.
AR147331.1 GI:15111134
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 6 from Patent W09720069
A79657
A79657.1 GI:6092611
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A79657/c
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1 (bases 1 to 24)
Dellinger,D.J., Dahm,S.C., Ilsley,D.D., Ach,R.A. and Troll,M.A. Hybridization assay signal enhancement
Patent: US 6103474-A 7 15-AUG-2000;
Location/Qualifiers
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Unclassified.
E. 1 (bases 1 to 24)
S. Dellinger, D. J. Dahm, S.C. and Troll, M.A.
Signal enhancement method and kit
AL Patent: US 6110682-A 1 29-AUG-2000;
Location/Qualifiers
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Sequence 11 from patent US 6346384.
AR184443.1 GI:20230408
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Sequence 7 from patent US 6103474.
AR105984 AR105984.1 GI:12820049
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/organism="unknown"
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AR107972
AR107972.1 GI:12823459
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1 (bases 1 to 24)
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Unclassified.
1 (bases 1 to 24)
Johnson, E.M. and Bergemann, A.D.
Monoclonal antibodies to the pur protein
Patent: US 5869622-A 50 09-FEB-1999;
                              Unkn...
Unclassified.
Unclassified.
i (bases) to 24)
S Johnson E.M. and Bergemann, A.D.
Cloning and expression of PUR protein
AL Patent: US 575684-A 50 26-MAX-1998;
Location/Qualifiers
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Dellinger, D. J., Dahm, S.C. and Troll, M.A. Signal enhancement method and kit Patent: US 853993-A 1 29-DEC-1998;
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Sequence 50 from patent US 5869622.
AR034772.1 GI:5950377
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ARQUENCE 1 from patent US 5853993.
AR068465 GI:6000672
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AR010037.1
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AR068465
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AR034772
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PAT 30-APR-2001
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Immunostimulatory nuclei acids
Patent: WO 0122972-A 433 05-AFR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4;
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1.6%; Score 17.6; DB 1;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4;
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Sequence 961 from Patent WO0122972.
AX104769
AX104769.1 GI:13920966
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Sequence 433 from Patent W00122972.
AX104241
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Front tube furrow opener attachment
Patent: US 6457426-A 1 01-OCT-2002;
Location/Qualifiers
                                                  AR232949 24 bp
Sequence 1 from patent US 6457426.
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Unknown.
Unclassified.
1 (bases 1 to 24)
1 (bases 1 to 24)
Patel, R. and Betermination of nucleic acid amplification products
Quantitative determination of nucleic acid amplification products
Patent: US 6365346-A 4 02-APR-2002;
Patent: US 6365346-A - 102-APR-2002;
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Unclassified.
1 (bases 1 to 24)
Singh, S. and Ullman, E.F.
Chemiluminescent compositions for use in detection of multiple analytes
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Pollner, R.B.
Real-time monitoring of PCR using LOCI
Patent: US 6346384-A 11 12-FBB-2002,
Location/Qualifiers
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Location/Qualifiers
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Sequence 4 from patent US 6406667.
AR213697.1 GI:23310978
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    Organism="synthetic construct"
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    /db xref="taxon:33630"
    /noTe="synthetic oligonucleotide-phosphorothioate backbone

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Best Local Similarity 83.3%; Pred. No. 2e+02;
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Sequence 841 from Patent WO0197843.
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Sequence 12 from Patent W00210374.
AX427163
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AX355813.1 GI:18620481
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AX355813/c
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Immunostimulatory nucleic acids
Stetnt: WO 0122972-A 961 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
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mumunostimulatory nucleic acids
Patent: WO 0122972-A 962 05-ARP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Best Local Similarity 83.3%; Pred. No. 2e+02;
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Matches 20; Conservative 0; Mismatches 4;
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Real time monitoring of PCR using loci
Patent: WO 0173129-A 11 04-0CT-2001;
DADE BEHRING INC. (US)
Location/Oualifiers
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Sequence 11 from Patent WO0173129.
AX354553
AX354553.1 GI:18619355
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Mack, D.H., Gish, K.C. and Wilson, K.E. Methods of diagnosing colorectal cancer and/or breast cancer, compositions, and methods of screening for colorectal cancer and/or
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Inhibition of angiogenesis by nucleic sternt: WO 02051141-A 962 11-JUL-2002, Coley Pharmaceutical Group, Inc. (US)
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Seguence 962 from Patent WO02053141.
AX547823
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AX684290
AX684290.1 GI:29371160
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Dade Behring Marburg GmbH (DE)
Location/Qualifiers
1. 24
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthesized"
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
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/db xref="texcn:22630"
/nofe="Synthetic Sequence"
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Seguence 961 from Patent WO02053141.
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Sequence 433 from Patent W002053141.
AX547294
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Sequence 1 from Patent WO0184157
AX428574 1 GI:21538485
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/organism="synthetic construct"
/organism="synthetic construct"
/nol_type="genomic DNA"
/db_xref="taxon:32630"
/note="T7-(dT)-24 primer"
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/organism="synthetic construct"
/mol_type="genomic DRA"
/db_xref="taxon:32630"
breast cancer modulators
Patent: WO 02059609-A 13 01-AUG-2002,
EOS Biotechnology, Inc. (US)
Location/Qualifiers
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Sequence 25 from patent US 5545551.
124762
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1 (bases 1 to 24)
Johnson, E.M. and Bergmann, A.D.
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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1.6%; Score 17.6; DB 1; Length 2
Best Local Similarity 83.3%; Pred. No. 2e+02;
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1.6%; Score 17.6; DB 1;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4;
Cloning and expression of pur protein Patent: US 5545551-A 25 13-AUG-1996; Location/Qualifiers
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1 (bases 1 to 25)

Kuimelis,R.G. and Wagner,R.
Addressable protein arrays
Patent: US 6537749-A 23 25-MAR-2003;
Location/Qualifiers
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25 bp
AR2016000 5 from patent US 6103474.
AR105982.1 GI:12820047
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                                                                      /organism="unknown"
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PAT 22-FEB-2001
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 0105435-A 15 25-JAN-2001;
THE UNIVERITY OF BRITISH (CA); Miyake, Hideaki (JP)
Location/Qualifiers
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Best Local Similarity 94.7%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels
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1 (bases 1 to 25)
Nikiforov, T. and Knapp, M.R.
Method for immobilizing nucleic acid molecules
Patent: US 5610287-A 2 11-MAR-1997;
Location/Qualifiers
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83.3%; Pred. No. 2e+02;
ative 0; Mismatches 4;
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Sequence 15 from Patent WO0105435.
AX078001
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Sequence 2 from patent
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196072.1 GI:3940542
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                 PAT 23-NOV-2000
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0055089-A 1287 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                                                                              Ulfendahl,P.J. and Wong,K.C.
Primers for identifying typing or classifying nucleic acids
Patent: Wo. 120008-A 630 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/organ.sm="syntheric construct"
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/db_xref="taxon:32630"
/noTe="HLA-C Heterozygote Primer Sequence"
4 g 15 t
                                                                                                                                                                                                                                                                                                                               1.6%; Score 17.6; DB 1; Length 25;
llarity 83.3%; Pred. No. 2e+02;
Conservative 0; Mismatches 4; Indels
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                 linear
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              AX043064 25 bp 1
Sequence 630 from Patent WO0065088.
AX043064.1 GI:11341672
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Sequence 2 from patent US 5610287.
158009
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                                                                                                      synthetic construct artificial sequences.
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synthetic construct
artificial sequences.
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                                                                                       synthetic construct
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Unclassified.
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AX043721/c
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RESULT 51 I58009/c LOCUS

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PAT 16-MAY-2001
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                                           PAT 14-FEB-2001
                                                                                                                                                                      1. (bases 1 to 19)
Croteau, R.Bruce., Lupien, S.Lee. and Karp, F.
Recombinant materials and methods for the production of limonene hydroxylases
Patent: US 6083731-A 18 04-JUL-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 19)

Weinerein, J.N. and Buolamwini, J.
Restriction display (RD-PCR) of differentially expressed mRNAs Patent: US 6270966-A 1 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
1 (bases 1 to 19)
Croteau, R. Bruce., Lupien, S. Lee. and Karp, F.
Recombinant materials and methods for production of limonene
                                                                                                                                                                                                                                                                                                                                      Length 19;
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94.4%; Pred. No. 1.9e+02;
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Patent: US 6194185-A 18 27-FEB-2001;
Location/Qualifiers
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Sequence 18 from patent US 6194185.
AR134802
AR134802.1 GI:14123707
                                         ARLUZUZO
Sequence 18 from patent US 6083731.
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Sequence 1 from patent US 6270966.
AR163080
                                                                                                                                                                                                                                                                                     /organism="unknown"
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AR102020.1 GI:12812818
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Best Local Similarity 94.4
Matches 17; Conservative
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AR134802/c
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                                                                                                           PAT 31-MAY-2001
                                                                                                                                                                                                                          Eukaryoča, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Means and methods for identifying genes and proteins involved in
the prevention and/or repair of a replication error
Patent: WO 02095071-A 31 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/organism="genomic DNA"
/mol type="genomic DNA"
/db_xref="teaxon:32630"
/note="sequence to demonstrate the principle of how to detect somatic repeat instability-#N# stands for any number of nucleotides selected from A, C, T or G#"
0 1 9 1 2 others
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.6%; Score 17.4; DB 1; Length 21; Best Local Similarity 90.0%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="'n' represents a polymorphic base" 9 c 4 g 4 t 1 others
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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Generic compositions and methods
Patent: Wo 0134840-A 7 17-MAY-2001;
GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
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                                                                                                             DNA
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                                                                                                           21 bp
22 bp
Aguence 7 from Patent W00134840.
AX145816
AX145816.1 GI:14284334
                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
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1. _21
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1082 TTAAAAAAAAAAAAAA 1100
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                             19 TTGAAAAAAAAAAAAA 1
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synthetic construct
artificial sequences.
                                                                                                                                                                                           Homo sapiens (human)
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Best Local Similarity
Matches 18; Conserv
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AX708815
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AX145816/c
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PR HIDEKI KAMIBARA, SENSHU UEMATSU
PC C12N15/09, C12Q1/68, G01N27/447, C12N15/00, G01N27/26 CC
Strandedness: Single;
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1.6%; Score 17.2; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 0;
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1.6%; Score 17.2; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 0;
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Hideki, K. and Senshu, U.
Hideki, K. and Senshu, U.
Method for analyzing DNA fragment
Patent: JP 1999196874-A 9 27-JUL-1999;
HITACHI LTD
OS Unidentified
FN JP 1999196874-A/9
PD 27-JUL-1999
PF 14-JAN-1998 JP 1998005399
                                                                                                                                                                                   Location/Qualifiers
                                        Arificial sequences.
JP 199431397-A/3
01-NOV-1994
16-APR-1993 JP 1993112515
TAKAGI SHIGGRU, KAMTOKA SUKEYUKI
C12Q1/68.CIZN15/10;
strandedness: Single;
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 Patent: JP 1994303997-A 3 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
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/organism="unidentified"
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/db_rref="taxon:32644"
. n c 0 g 17
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/organism="unidentified"
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/db_xref="taxon:32644"
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Method for analyzing DNA fragment.
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JP 1999196874-A/9.
unidentified
unidentified
unclassified
                                                                                                                                         topology: Linear;
hypothetical: No;
anti-sense: Yes;
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                               RESULT 61
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/organism='Artificial sequences'
Location/Qualifiers
                                                                   Query Match 1.6%; Score 17.2; DB 1; Length 19; Best Local Similarity 94.4%; Pred. No. 1.9e+02; Matches 17; Conservative 1; Mismatches 0; Indels
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                                           2 others
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94.4%; Pred. No. 1.9e+02;
tive 1; Mismatches 0;
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E08331
E08331
E08331
G1:2176448
Unidentified
unidentified
unidentified
unidentified
Takagi,S. and Kamioka,S.
PETERMINATION OF CDNA
PRICHIL JP 1994303937-A 2 01-NOV-1994;
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C1201/68,C12N15/10;
strandedness: Single;
topology: Linear;
hypothetical: No;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 0 c 0 g 17
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Artificial sequences.
UP 1994303997-A/2
01-NOV-1994
16-APR-1993 UP 1993112515
Location/Qualifiers
1..19
/organism="unknown"
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E08332
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JP 199403997-A/3.
unidentified
unidentified
unclassified.
1 bases 1 to 20)
Takagi. S. and Kamioka, S.
DETERMINATION OF CDNA
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Best Local Similarity 94.45
Matches 17; Conservative
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E08331/c
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PAT 23-MAR-2002
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1 (bases 1 to 17)

Holton,T.A., Cornish,E.C., Kovacic,F., Tanaka,Y. and Lester,D.R. Genetic sequences encoding flavonoid pathway enzymes and uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                              Gaps
                                                                                                                                                                                                                                                                                   Basten, D., Dekker, P.J., Schuurhuizen, P.W., Schaap, P.J. and
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Query Match 1.6%; Score 17.2; DB 1; Length 22; Best Local Similarity 94.4%; Pred. No. 2.1e+02; Matches 17; Conservative 1; Mismatches 0; Indels
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INTERNATIONAL FLOWER DEVELOPMENTS Pty. Ltd
Location/Qualifiers
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100.0%; Pred. No. 1.8e+02;
iive 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
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/mol_type="genomic DNA"
/nofe="RT reaction primer"
/nofe="RT reaction primer"
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primer sequence 4 from patent EP0522880.
A28997
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Patent: WO 0216618-A 21 28-FEB-2002;
DSM N.V. (NL)
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Sequence 21 from Patent W00216618.
AX391871 GI:19700451
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artificial sequences.
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Arrays and methods of use
Patent: WO 02074988-A 3 26-SEP-2002;
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD (GB)
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/db_xref="taxon:32630"
/note="synthetic oligonucleotide primer (Oligo-dT"
/note="synthetic oligonucleotide primer (Oligo-dT"
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                                                                                                            E0833.1 GI:2176450
JP 1994303997-A/4.
unidentified
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unidentified.
1 (bases 1 to 21)
Takegi,S. and Kamioka,S.
DETERMINATION OF CDNA
DETERMINATION OF CDNA
NIPPON IELEGR & TELEPH CORP <NTT>
                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                                                                                                                 Artificial sequences.
JP 1994303997-A/4
01-NOV-1994
16-APR-1993 UP 1993112515
TAXAGI SHIGERU, KAMIOKA SUKEYUKI
C1201/68,C12N15/10;
strandedness: Single;
topology: Linear;
hypothetical: No;
anti-sense: Yes;
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/organism="unidentified"
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Sequence 3 from Patent WO02074988.
AX583623
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Reverse transcription primer.
E08333
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artificial sequences.
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Locus
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                                           RESULT 62
E08333/c
LOCUS
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PAT 29-SEP-1999
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1 (Dases 1 to 17)

Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates for synthesis of mixed
backbone oligomeric compounds
Patent: 18 6462184.A. 5 08-OCT-2002;
Location/Qualifiers
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100.0%; Pred. No. 1.8e+02;
ive 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 0;
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                    / Unknown.
Unknown.
Unclassified.
3 1 (bases 1 to 17)
S. Kurz,M., Lohes,P. and Wagner,R.
Peptide acceptor ligation methods
Peptide acceptor ligation methods
AL Patent: US 6429300-A 23 06-AUG-2002;
Location/Qualifiers

17 "...known" 0 t
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Sequence 23 from patent US 6429300.
AR222463.1 GI:23329994
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Sequence 5 from patent US 6462184.
AR236087.1 GI:27279786
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/organism="unknown"
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Best Local Similarity 100.
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AR236087/c
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AR034896/c
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AR222463
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                                                 PAT 14-FEB-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.

1 (bases 1 to 17)
Manoharan, M. and Maier, M.A.
Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
backbone oligomeric compounds
Patent: US 6207819-A 5 27-MAR-2001;
Location/Qualifiers
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                    Untried.

'Unknown.

Unclassified.

1 (bases 1 to 17)

S. Cech, T.R. and Lingner, J.

Telomerase

AL Patent: US 6093809-A 132 25-UUL-2000,

Incation/Qualifiers

17 """known"
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1 (bases 1 to 17)
Cech, T.R. and Nakamura, T.
Telomerase
Patent: US 6309867-A 132 30-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17 bp DN Sequence 132 from patent US 6309867. AR175846 AR175846.1 GI:17917145
                                           17 bp DA ARIO45885. GI:12817293
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Sequence 5 from patent US 6207819.
AR141074.1 GI:14483570
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Best Local Similarity
Matches 17; Conserva'
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AR215435/c
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AR097579/c
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Unclassified.
I (bases 1 to 18)

BE Rose, R., Douce, R., Duval, M., Job, C. and Job, D.
Seed specific bictinylated protein, SBP65, from leguminous plants
Patent: US 5837820-A 3 17-NOV-1998;
Patent: US cation/Qualifiers
                                                      Unknown...
Unknown...
Unclassified.
1 (bases 1 to 18)
Chatelain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in a tightly packed bed
tightly packed bed
Patent: US 5865643-A 12 09-FEB-1999;
Location/Qualifiers
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Chatelain, F. and Kumarev, V.
Process for preparing polynucleotides on a solid support in a tightly packed above 18 09-FEB-1999;
Patent: US 5869643-A 18 09-FEB-1999;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 18 from patent US 5869643.
AR034899
AR034899.1 GI:5950504
Sequence 12 from patent US 5869643.
AR034896
AR034896.1 GI:5950501
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Sequence 3 from patent US 5837820.
AROS8305.
AROS8305.1 GI:5983882
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                                                                                                                                                                                                                                                                                                                                  Unknown.
Unclassified.
In (bases 1 to 18)
Lin.C.-T.Patsy., Wallace, R. Bruce., Cossman.J. and French, C.
Lin.C.-T.Patsy., Wallace, R. Bruce., Cossman.J. and French, C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
biology experiments
Patent: US 6017145-A 9 06-JUN-2000,
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0;
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Unclassified.

(bases 1 to 18)

Keeling,P. and Guan,H.

Starch encapsulation

Patent: US 6107060-A 30 22-AUG-2000;

Location/Qualifiers
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Sequence 9 from patent US 6071745.
AR097579.1 GI:12806309
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Sequence 9 from patent US 6410321.
AR215435
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BOTKOW,G.
Antisense oligonucleotide constructs based on beta -arabinofuranose and its analogues
and its analogues
Batent: WO 99677348-A 2 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHARL A (CA); WILDS CHRISTOPHER
(CA); UNIV MCGILL (CA); ARION DOWINIQUE (CA); NOROWHA ANNE M (CA);
BORKOW GADI (IL)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mRNA"
/do _traf="taxon:32630"
/note="2' methyl-modified oligonucleotide"
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cive 0; Mismatches 0; Indels
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/note="3' palmityl oligonucleotide"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/note="Use as an oligomer"
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Sequence 2 from Patent W09967378.
AXCO8117.1 GI:9995742
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Sequence 8 from Patent WO9910527
AX004879
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                                             Unclassified.

1 (Dassel to 18)

Lin, C.-I.P., Wallace, R.B., Cossman, J. and French, C.

Method and formulation for lyophilizing cultured human cells to preserve RNA and DNA contained in cells for use in molecular biology experiments

Patent: US 6410321-A 9 25-JUN-2002;
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Kurz, M., Lohse, P. and Wagner, R.

Peptide acceptor ligation methods

Patent: US 6429300-A 24 06-AUG-2002;

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Sequence 4 from Patent W09910527
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/organism="unknown"
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Sequence 24 from patent US
AR222464
AR222464.1 GI:23329995
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      GI:23313691
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Borkow,G. Antibense oligonucleotide constructs based on beta -arabinofuranose and its analogues and its analogues Patent: WO 9967378-A 8 29-DEC-1999; DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL MICHAEL ZENON (AU)
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Genetic sequences encoding flavonoid pathway enzymes and uses
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/db_xref="texon:32630"
/note="Oligonuclectide"
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/db_xref="taxon:32630"
/note="Use as an oligomer"
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Sequence 28 from Patent W09732023.
AX028844
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Sequence 8 from Patent WO9967378.
AX008123
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Antisense oligonucleotide constructs based on beta -arabinofuranose and its analogues
and its analogues
Patent: NO 9967378-A 7 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
BORKOW GADI (IL)
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Patent: WO 9967378-A 3 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
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/note="Use as an oligomer"
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 7 from Patent WO9967378.
AX008122
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Gumbiowski, K. and Zulauf, M.
High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 0068422-A 23 16-NOV-2000;
Roche Diagnostics GmbH (DE)
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 913 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Sequence 939 from Patent WO0122972.
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Sequence 23 from Patent WO0068422.
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Gumblowski, K. and Zulauf, M.
High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 006842-A 21 16-NOV-2000;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
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Patent: W 0 9732023-A 29 04-SEP-1997;
Patent: M 0 9732023-A 29 04-SEP-1997;
Patent: M 0 9732023-A 29 04-SEP-1997;
Patent: Aubert (AU); MICHARL MICHARL ZENON (AU)
Location/Qualifiers
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Genetic sequences encoding flavonoid pathway enzymes and uses
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/db_xref="taxon:32630"
/note="second fragment of SEQ ID NO:
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Sequence 21 from Patent WO0068422.
AX047271 GI:11876551
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25quence 29 from Patent W09732023.
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AX028845.1 GI:10189948
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Weiner, G. and Hartmann, G.
Methods for enhancing antibody-induced cell lysis and treating
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/noTe="Synthetic oligonucleotide-phosphorothioate
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tive 0; Mismatches 0; Indels
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
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Patent: WO 0174901-A 84 11-OCT-2001;
Scios Inc. (US)
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Sequence 837 from Patent WO0197843.
AX355809
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AX355809/c
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imminostimulatory nucleic acids
Patent: WO 0122972-A 939 05-ARR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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/note="synthetic"
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/ organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: WO 0123564-A 10 05-APR-2001;
Scios Inc. (US)
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Differentially expressed genes
Patent: WO 0123419-A 10 05-APR-2001,
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Sequence 10 from Patent W00123419.
AX108642 AX108642.1 GI:13923875
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Sequence 10 from Patent WO0123564.
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AX104747.1 GI:13920944
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AX108642/c
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AX105651/c
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IN Method of comparison and detection of RNA amount and DNA amount.

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BD085545.1 GI:22631155

JP 200133800-A/2.

Homo sapiens (human)

Hom sapiens (human)

REMAGAINE, Butheria, Primates, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

Shimada,K.

Method of comparison and detection of RNA amount and DNA amount Patent: JP 200133800-A 2 04-DEC-2001;

NITECH CO LTD

OS Homo. sapiens (human)

PR 30-MAY-2000 JP 200160324

PF 30-MAY-2000 JP 200160324

PF 30-MAY-2000 JP 200160324

CC Method of comparison and detection of RNA amount and DNA CC

CC Method of comparison and detection of RNA amount and DNA CC
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DP 1999075880-A/2.

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L Patent JP 1999075880-A/2 23-MAR-1999;

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ON Unidentified

PN JP 1999075880-A/2

PD 23-MAR-1999

PP 10-JUL-1998 JP 1998195719
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Strandedness: Single;
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Location/Qualifiers
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                    Bratzler,R.L.
Inhibition of angiogenesis by nucleic acids
Fatent: WO 02053141-A 913 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
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/noEe="Synthetic Sequence"
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Sequence 339 from Patent W002053141.
AX547800 GI:25812944
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Sequence 913 from Patent W002053141.
AX547774.1 GI:25812918
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C12P21/02, C12P21/08//(C12N5/10, C12R1:91), (C12P21/08, C12R1:91),
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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unidentified
unclassified.
unclassified.
1 (base 1 to 19)
Collingwood, S. P., Moser, H. E., Altmann, K. and Douglas, M. E.
INTERMEDIATES FOR OLIGONICLEOTIDE SYNTHESIS
Patent: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.5%; Score 17; DB 1; Length 18; 100.0%; Pred. No. 1.9e+02; tive 0; Mismatches 0; Indels
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Wolecular indexing for expressed gene analysis
Patent: US 5707807-A 16 13-JAN-1998;
Location/Qualifiers
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                                                     08-FEB-2000
23-JUL-1998 JP 1998225228
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         Artificial Sequence
JP 2000037190-A/16
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1 (bases 1 to 18)
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E28536

Method for labeling oligonucleotide and utilization thereof.

DN E28536.1 GI:13025388

E28536.1 GI:13025388

Up 1999075880-A/3.

Unidentified

unclassified.

I (Bases 1 to 18)

Kenichi, H., Hiroshi, Y. and Masahide, N.

Method for labeling oligonucleotide and utilization thereof

DE CHEMO SERO THERAPEUT RES INST

OS Unidentified

PATRAP-1999

PR 10-JUL-1998 JP 1998195719

PR 10-JUL-1998 JP 1998195719

PR TO-JUL-1998 JP 1998195719

PR TO-JUL-1998 JP 1998195719

PR FENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC

CL TOPOLOGY: Linear;

CC Topology
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Mammal-derived tissue specific physiologically active protein.
E32456
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DP 2000037190-A/16.
Synthetic construct
synthetic construct
artificial sequences.
I (base 1 to 18)
Jun, N. Yusuke, N. and Toshihiro, T.
Marmal-derived tissue specific physiologically active protein
Datent: JP 2000037190-A 16 08 FEB-2000;
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1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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/organism="unidentified"
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/db_ref="taxon:32644"
1. 18
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/db_ref="taxon:32644"
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E28536/c
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                linear
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Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 20 03-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru. 2'-0-aminoxy-modified oligonucleotides
Patent: US 6127533-A 21 03-OCT-2000;
Location/Qualifiers
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Cook, P.Dano., Mancharan, M. and Kawasaki, A.Mamoru. 2'-O-aminoxy-modified oligonucleotides
Patent: US 6127533-A 22 03-CCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                    1.5%; Score 17; DB 1;
100.0%; Pred. No. 2e+02;
tive 0; Mismatches 0
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches (
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Sequence 22 from patent US 6127533.
AR111948.1 GI:12828796
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Sequence 21 from patent US 6127533.
ARI11947.
ARI11947.1 GI:12828795
               19 bp | Sequence 20 from patent US 6127533.
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AR111946.1 GI:12828794
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AR111947/c
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100.0%; Pred. No. 2e+02;
ive 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
                                                                                              Query Match
1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Unclassified.

In (bases 1 to 19)

AS Leeds, J.M. and Cummins, L.L.

Riucrescence based nuclease assay

NAL Patent: US 6127124-A 1 03-OCT-2000;

Location/Qualifiers

Location/Qualifiers

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Leclerc, G. and Martel, R.
Radiolabeled DNA Oligonucleotide and Patent: US 5821354-A 1 13-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                 19 bp
Sequence 1 from patent US 5821354.
AR048767.1 GI:5971110
            1..19
/organism="unidentified"
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/db_xref="taxon:32644"
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Sequence 1 from patent US 6127124.
AX111371 GI:12828219
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L (bases 1 to 19)
S Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
S 2'-O-aminooxy-modified oligonucleotides
AL Patent: US 6127533-A 26 03-OCT-2000;
Location/Qualifiers
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1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 27 03-OCT-2000;
                         Unclassified.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manhoran, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligomuclectides
Patent: US 6127533-A 25 03-OCT-2000;
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AR111952.1 GI:12828800
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Sequence 27 from patent US 6127533.
AR111953. GI:12828801
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E 1 (bases 1 to 19)

S Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

S '-O-aminooxy-modified oligonucleotides

2' -O-aminooxy-modified oligonucleotides

AL Patent: US 6127533-A 24 03-0cT-2000;

Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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ARI11950.
ARI11950.1 GI:12828798
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Sequence 25 from patent US 6127533.
AR111951 AR111951.1 GI:12828799
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Sequence 23 from patent US 6127533.
AR111949.1 GI:12828797
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AR111951/c
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AR111949/c
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Mancharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Mancharan,M., Cook,P.Dan., Prakash,T.P. and kawasaki,A.M.
Amincoxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 20 09-UAN-2001;
Location/Qualifiers
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I (bases I to 19)
COOK, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 44 03-OCT-2000;
Location/Qualifiers
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 JOURNAL Patent: US 6127533-A 34 03-OCT-2000; FEATURES Location/Qualifiers
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Sequence 20 from patent US 6172209.
AR124843
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AR111970.1 GI:12828818
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AR111970/c
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AR124844/c
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AR124843/c
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-amincoxy-modified oligonucleotides
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Cook,P.Dan., Mancharan,M. and Kawasaki,A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 33 03-CCT-2000;
Location/Qualifiers
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Sequence 31 from patent US 6127533.
AR111957.1 GI:12828805
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Seguence 34 from patent US 6127533.
AR111960
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Sequence 33 from patent US 6127533.
AR111959. GI:12828807
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1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Eawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 25 09-JAN-2001,
Location/Qualifiers
                                                                                                                                                                                                                                                                                           (bases 1 to 19)
Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209 A. 24 09-JAN-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 26 from patent US 6172209.
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10 (bases 1 to 19)

Manobaran, M., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 22 09-JAN-2001;

Location/Qualifiers
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I (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook,P.Dan., Prakash,T.P. and kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 23 09-JAN-2001;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 21 09-JAN-2001;
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 23 from patent US 6172209.
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19 bp 1
Sequence 21 from patent US 6172209.
AR124844
AR124844.1 GI:14110205
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Sequence 22 from patent US 6172209.
AR124845.1 GI:14110206
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 33 09-JAN-2001;

Location/Qualifiers
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1 (Dases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 34 09-JAN-2001;
Location/Qualifiers
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1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 44 09-JAN-2001;
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AR124867.
AR124867.1 GI:14110228
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AR124856.1 GI:14110217
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1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Frakash,T.P. and Kawasaki,A.M.
Manoharan,M., cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 617209-A 27 00-JAN-2001;
Location/Qualifiers
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Manoharan, M., Cook, P. Dan., Prakash, T. P. and Kawasaki, A. M.
Manoharan, M., Cook, P. Dan., Prakash, T. P. and Kawasaki, A. M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 26 09-UAN-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 27 from patent US 6172209.
AR124850 1 GI:14110211
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Unclassified.
Unclassified.
I (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 22 27-FEB-2001;
Location/Qualifiers
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1 (Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Aminooxy-modified oligonucleotide synthetic intermediates

Patent: US 6194588-A 23 27-FEB-2001;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194599.
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100.0%; Pred. No. 2e+02;
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 24 from patent US 6194598.
AR135295. GI:14124200
Sequence 22 from patent US 6194598
AR135293
AR135293.1 GI:14124198
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1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 21 27-FEB-2001;
Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 20 27-FEB-2001;
Location/Qualifiers
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Sequence 20 from patent US 6194598.
AR135291.1 GI:14124196
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1 (bases 1 to 19)
2 (Cox, P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
Amincoxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 33 27-FEB-2001;
Location/Qualifiers
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1 (bases 1 to 19)
1 (bases 1 to 19)
2 (Cock, P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
Aminnoovy-modifield oligonucleotide synthetic intermediates
Patent: US 6194598-A 31 27-FEB-2001;
Location/Qualifiers
    Unclassified.

1 (bases 1 to 19)

200K, P.Dan., Manobaran, M. and Kawasaki, A.Mamoru.
Aminoovy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 27 27-FEB-2001;
Location/Qualifiers
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Sequence 33 from patent US 6194598.
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Unclassified.
1 (Dasses 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A. Z6 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A.Mamoru.
Aminoxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 25 27-FEB-2001;
Location/Qualifiers
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Sequence 27 from patent US 6194598.
AR135298.1 GI:14124203
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Sequence 26 from patent US 6194598.
AR135297.1 GI:14124202
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Sequence 25 from patent US 6194598.
AR135296.1 GI:14124201
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Length 19; 0; Indels PAT 08-AUG-2001

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1 (bases 1 to 19)

1 (bases 1 to 19)

Heller, M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.

Methods for transport in molecular biological analysis and diagnostics

Patent: US 6238624-A 16 29-MAY-2001;

Location/Qualifiers
                                                                 Query Match 1.5%; Score 17; DB 1;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches C
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Sequence 16 from patent US 6238624.
ARIS3863.1 GI:15121916
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Unclassified.
I (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 44 27-FFB-2001;
Location/Qualifiers
                                                                                                                                             Unclassified.
Unclassified.
1 (bases 1 to 19)
2 (cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-moddified oligonucleotide synthetic intermediates
Patent: US 6194598-A 34 27-FEB-2001;
Location/Qualifiers
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1 (bases 1 to 19)

1 (bases 1 to 19)

Prancharan, M., Kawasaki, A.M., Cook, P.Dan., Fraser, A.S. and Prakash, T.P.

2'-O-acetamido modified monomers and oligomers

Patent: US 6147200-A 4 14-NOV-2000;
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AR135305
AR135305.1 GI:14124210
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Sequence 44 from patent US 6194598.
AR135315
AR135315.1 GI:14124220
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Sequence 4 from patent US 6147200.
AR141898.1 GI:15101414
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AR141898/c
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AR115305/c
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AR135315/C
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Unclassified.

1 (bases 1 to 19)
Manoharan,M., Mohan,V. and Boswell,H.
NAN targeted 2'-modified oligonucleotides that are conformationally
preorganized
Patent: US 6271358-A 6 07-AUG-2001;
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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CE 1 (bases 1 to 19)

RS Mancharan, M. and Mohan, V.

Goligonucleotides having A-DNA form and B-DNA form conformational geometry

MAL Patent: US 6369209-A 26 09-APR-2002;

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Mancharan, M. and Mohan, V.
Mancharan, M. and Mohan, V.
Oligonoclectides having A-DNA form and B-DNA form conformational
geometry
Patent: US 6369209-A 18 09-APR-2002;
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Sequence 10 from patent US 6369209.
AR205801. GI:21503476
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Sequence 26 from patent US 6369209.
AR205809.1 GI:21503486
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AR205801/c
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AR213490/c
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SS Manoharan,M. and Mohan,V.
Sligonucleotides having A-DNA form and B-DNA form conformational geometry US 6369209-A 15 09-APR-2002;
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
geometry
Patent: US 6369209-A 17 09-APR-2002;
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Sequence 16 from patent US 6369209.
AR205799 AR205799.1 GI:21503473
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Sequence 17 from patent US 6369209.
AR205800 GI:21503474
           AR205798
Seguence 15 from patent US 6369209.
AR205798
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E 1 (bases 1 to 19)

S Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-0-modified nucleosides

Regioselective synthesis of 2'-0-modified nucleosides

Location/Qualifiers

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I (bases 1 to 19)
Kawasaki,A.W., Fraser,A.S., Mancharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6403779-A 4 11-JUN-2002;
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Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 5 from patent US 6403779.
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AR213493 4 Irom patent US 6403779.
AR213493. GI:23310724
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Unclassified.
1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6403779-A 3 11-JUN-2002;
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1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Mancharan,M., Cook,P.D. and Prakasah,T.P.

Prakasah,T.P.

Regioselective synthesis of 2'-O-modified nucleosides

Patent: US 6403779-A 2 11-UUN-2002;

Location/Qualifiers

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Kawaaaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.
Regioselective synthesis of 2'-0-modified nucleosides Patent: US 640379-A 1 11-UDN-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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Sequence 3 from patent US 6403779.
AR213492 GI:23310723
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Sequence 2 from patent US 6403779.
AR213491. GI:23310722
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Sequence 1 from patent US 6403779.
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AR13491/c
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PAT 25-SEP-2002
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Unclassified.
I (bases 1 to 19)
Kawasaki, A.W., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.
Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 12 11-JUN-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
Kawabaki, A.M., Fraser, A.S., Mancharan, M., Cook, P.D. and
Prakash, T.P.
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Patent: US 6403779-A 14 11-JUN-2002,
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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AR213503/c
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Sequence 14 from patent US 6403779.
AR213502.1 GI:23310733
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Sequence 12 from patent US 6403779.
AR211501 GI:23310732
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Unclassified.
1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Prakash,T.P.
Regioselective synthesis of 2'-0-modified nucleosides Patent: US 6403779-A B 11-JUN-2002;
Location/Qualifiers
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1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakasah,T.P.

Regioselective synthesis of 2'-O-modified nucleosides

Patent: US 6403779-A 7 11-JUN-2002;

Location/Qualifiers
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
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Patent: US 6403779-A 6 11-UUN-2002;
Location/Qualifiers
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Sequence 8 from patent US 6403779.
AR213497.
AR213497.1 GI:23310728
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Sequence 6 from patent US 6403779.
AR213495
AR213495.1 GI:23310726
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AR213497/c
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PAT 20-DEC-2002
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Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A., Cole, D.L. and
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Method for qualitative and/or quantitative detecting of molecular interactions on probe arrays
Patent: Wo 0202810-A 31 10-JAN-2002;
Clondiag Chip Technologies GmbH (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                     Process for the synthesis of oligomeric compounds
Patent: US 6465628-A 1 15-OCT-2002;
Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="texon:32630"
/note="Oligonukleotidsonde"
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Sequence 33 from Patent WO0202810.
AX349249
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Sequence 1 from patent US 6465628.
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AX349249/c
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                                                             Unknown.
Unclassified.
I (bases I to 19)
Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.
1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
                                                                                                                                          Regioselective synthesis of 2'.0-modified nucleosides
Patent: US 6403779-A 15 11-JUN-2002;
Location/Qualifiers
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Patent: US 6403779-A 25 11-JUN-2002;
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 19)

Rurz, M., Lobse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 25 06-AUG-2002;
Location/Qualifiers
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Seguence 25 from patent US 6403779.
AR213512
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Sequence 25 from patent US 6429300.
AR222465.1 GI:23329996
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                 GI:23310734
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AR213503.1
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AR213512/c
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Unclassified. 1 (bases 1 to 20) Watson, J.D. and Tan, P.L.J. Methods and compounds for the treatment of immunologically-mediated
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 20)
1 an, Pr., Skinner, M. and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial infections
Infections
Patent: US 5985287-A 83 16-NOV-1999;
Patent: US 5985287-A 83 16-NOV-1999;
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100.0%; Pred. No. 2.1e+02;
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Sequence 83 from patent US 5968524.
AR080000
AR080000.1 GI:10006735
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Location/Qualifiers
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AR085926 AR085926.1 GI:10012692
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Sequence 1 from patent US 5986084.
AR087520 GI:10014283
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AR087520/c
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NANOGEN INC

SATHIFICIAL Sequence
PN 11-DEC-2001

PP 01-DEC-1999 JP 2000524303

PR 05-DEC-1999 US 08/986065

PI NONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I PI NERNBERG,

PI NICHAEL J HELLER, CARL F EDMAN

PC 01201/68.C122115/09, C122115/00

CC Description of Artificial Sequence: Amine

CC vith dyes Leaction/Qualifiers

FF Source Loganism='Artificial Sequence'.
Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and pperation for molecular biological analysis and diagnosis. BD087505.1 GI:22633115
UP 2001525193-A/16.
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artificial sequences.
1 (bases 1 to 19)
Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Cros, P., Kurfurst, R., Battail, N. and Piga, N.
Process and device for assaying a hapten
Patent: US 5849480-A 5 15-DEC-1998;
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 5 from patent US 5849480.
AR064875
AR064875.1 GI:5995091
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AR064875/c
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PAT 16-JUN-2001
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In (bases 1 to 20)
Visser,E.

Compounds and methods for treatment and diagnosis of mycobacterial infections
                                                                 PAT 16-MAY-2001
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Bruice, T.C. and Dev, A.P.

Broxymucleic alkyl thiourea compounds and uses thereof

Patent: US 6169176-A 1 02-JAN-2001;

Location/Qualifiers
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 32 27-MAR-2001;
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1.5%; Score 17; DB 1; Length 20;
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Matches 17; Conservative 0; Mismatches 0; Indels
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Matches 17; Conservative 0; Mismatches 0;
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Location/Qualifiers
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Sequence 32 from patent US 6207417.
AR139960.1 GI:14482456
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Sequence 83 from patent US 6160093.
AR121692.1 GI:14105268
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20 bp
AR123335 GI:14108301
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/organism="unknown"
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AR139960/c
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1 (bases 1 to 20)
Tan, P., Hiyama, J., Visser, E., Skinner, M., Scott, L. and Prestidge, R. Mycobacterium vaccee antigens
Patent: US 6001361-A 83 14-DEC-1999;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 20)
Pitsch,S., Weiss,P.A. and Jenny,L.
Ribonucleoside-derivative and method for preparing the same
Ribonucleoside-derivative and method for breparing the Same
Patent: US 5986084-A.1 16-NOV-1999;
Location/Qualifiers
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Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 96 21-NOV-2000;
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 20;
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Matches 17; Conservative 0; Mismatches 0; Indels
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Matches 17; Conservative 0; Mismatches 0;
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Sequence 83 from patent US 6001361.
AR093312.1 GI:10020062
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Sequence 96 from patent US 6150092.
AR118970.1 GI:14100880
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1 (bases 1 to 20)
2 sebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for enhancing the effciency of gene transfer with stem cell
factor (SCF) polypeptide
Factor (SCF) polypeptide
Patent: US 6207454-A 34 27-MAR-2001;
Location/Qualifiers
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Stem cell factor and compositions
Patent: US 6207802-A 32 27-MAR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.16+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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20 bp
Sequence 34 from patent US 6207454.
AR140281.1 GI:14482777
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AR140557/c
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Achod for enhancing the efficiency of gene transfer with stem cell factor (SGF) polypeptide
Factor (SGF) polypeptide
Patent: US 6207454-A 32 27-MAR-2001;
Location/Qualifiers
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Unclassified.
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
DNA encoding stem cell factor
Patent: US 627447-A 34 27-MAR-2001;
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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AR140279
AR140279.1 GI:14482775
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Sequence 34 from patent US 6207417.
AR139962
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AR13962/c
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AR140281/c
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PAT 26-SEP-2002
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1 (bases 1 to 20)

1 (bases 1 to 20)

Can, P., Visser, E., Prestidge, R. and Watson, J.D.

Compounds and methods for treatment and diagnosis of mycobacterial infections

Patent: US 6406704-A 83 18-JUN-2002;

Location/Qualifiers
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                                                                                                   Unknown.
Unclassified.
1 (bases I to 20)
Blumberg, B.
High throughput functional screening of cDNAs
Patent: US 6274331-A 13 14 AUG-2001;
Location/Qualifiers
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1 (bases 1 to 20)

Rurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 26 06-AUG-2002;
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Sequence 83 from patent US 6406704.
AR213738 GI:23311025
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Sequence 26 from patent US 6429300.
AR222466 1 GI:23329997
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AR164658.1 GI:16237754
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AR222466
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AR213738
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Unknown...
Unclassified.
1 (bases 1 2020)
1 (bases 1 2020)
Huang, 2 and Szostak, J.W.
Simple and efficient method to label and modify 3'-termini of RNA
Simple and efficient method to label and modify 3'-termini of RNA
using DNA polymerase and a synthetic template with defined overhang
nucleotides and a synthetic template with defined overhang
patent: US 6238865-A 14 29-MAY-2001;
Patent: US 6238865-A 14 29-MAY-2001;
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1 (bases 1 to 20)
Manoharan, M. and Maler, M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
Patent: US 6207819-A 1 27-MAR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Matches 17; Conservative 0; Mismatches 0;
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Sequence 14 from patent US 6238865.
AR154115.1 GI:15122168
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Sequence 13 from patent US 6274321.
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Sequence 1 from patent US 6207819.
AR141070 GI:14483566
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AR154115/C
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AR141070/c
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Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory on functional modifyers
Patent: WO 0067023-A 9 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
Location/Qualifiers
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                                                                               Bayer, E. and Schewitz, J.
Method for isolating anionic organic substances from aqueous systems using cationic opposer nanoparticles systems using cationic p-lymer nanoparticles Patent: WO 9910277.A 5 04-YAR-1999; SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE) Location/Qualifiers
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| organism="synthetic construct"
| nol_type="senomic DNA"
| db_txref="taxon:32630"
| note="phosphorthioate oligonucleotide"
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100.0%; Pred. No. 2.1e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 17 from Patent WO0067023.
AX045787.
AX045787.1 GI:11344154
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Sequence 9 from Patent W00067023.
AX045779 GI:11344146
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Mirkhin C.A., LefsHinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
                                                                                                                                                                                                                                                                              Unclassified.
Unclassified.
1 (bases 1 to 20)
Anobaran, M. and Maier, M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
Patent: US 6462184-A 1 08-OCT-2002;
Location/Qualifiers
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Location/Qualifiers
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Sequence 55 from patent US 6506564.
AR274394
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Sequence 1 from patent US 6462184.
AR236083
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Sequence 5 from Patent W09910527.
AX004876
AX004876.1 GI:9928276
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RESULT 185 AX004876/c LOCUS DEFINITION ACCESSION VERSION

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PAT 30-APR-2001
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immunostimularory nucleic acids
Parent: WO 0122972-A 556 05-AFR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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munuostimulatory nucleic acids
Patent: WO 0122972-A 560 05-AFR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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GmbH (DE)
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Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 560 from Patent WO0122972.
AX104368.1 GI:13920565
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AX104364 556 from Patent W00122972.
AX104364.1 GI:13920561
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AX104368
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Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory dna functional modifyers
Patent: WO 0067023-A 20 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
Location/Qualifiers
Noll,B.O., Schetter,C. and Krieg,A.M.
Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory of 09-NOV-2000,
CPG Immunopharmaceuticals GmbH (DE); UNIVERSITY OF IOWA RESEARCH
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 226 05-APR-2001;
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Sequence 226 from Patent WO0122972.
AX104034
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Sequence 20 from Patent W00067023.
AX045790
AX045790.1 GI:11344157
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AX045790/C
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Patent: WO 0197843-A 2 27-DEC-2001;
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AX355810.
AX355810.1 GI:18620478
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Sequence 2 from Patent W00197843.
AX354974
AX354974.1 GI:18619641
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 70 from Patent WO0151665.
AX196239
AX196239.1 GI:15386442
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Sequence 55 from Patent WO0151665.
AX196224
AX196224.1 GI:15386427
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 55 from Patent WO0218643.
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Sequence 70 from Patent WO0218643.
AX465326 GI:21899689
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/mol type="genomic DNA"
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Methods for enhancing antibody-induced cell lysis and treating
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
   AX355811 20 bp 1
Sequence 839 from Patent WO0197843.
AX355811 GI:18620479
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Sequence 70 from Patent WO0173123.
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Sequence 55 from Patent WO0173123.
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Matches 17; Conservative 0; Mismatches 0;
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Sequence 560 from Patent W002053141.
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Patent: WO 0246472-A 55 13-JUN-2002;
Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 55 from Patent WO0246472.
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1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 226 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Sequence 556 from Patent WO02053141.
AX547417
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Sequence 226 from Patent WO02053141.
AX547087.1 GI:25812231
                                            Patent: WO 0218643-A 70 07-MAR-2002;
Nanosphere, Inc. (US)
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                    PAT 22-MAR-2003
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Nucleic acid separation using immobilized metal affinity
chromatography
Patent: WO 0246398-A 6 13-JUN-2002;
The University of Houston System (US)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Sequence"
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Sequence 26 from Patent WO03027328.
AX741052. GI:30523913
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Sequence 14 from Patent WO03027328.
AX741040
                    AX664308 20 bp
Sequence 6 from Patent W00246398
AX664308
AX664308.1 GI:29164238
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AX741040/c
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Nucleic acid separation using immobilized metal affinity
chromateography
Patent: WO 046398-A 5 13-JUN-2002;
The University of Houston System (US)
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
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/noTe="random synthetic sequence"
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 70 from Patent WO0246472.
AX556139
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Sequence 5 from Patent WO0246398.
AX664307
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RESULT 206
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Synthetic construct

Synthetic construct

Synthetic construct

Artificial sequence.

Ribonucleoside-derivative and method for preparing the same

AL Patent: JP 2001515087-A 1 18-SEP-2001;

STEPAN PITSCH, PATRICK A WEISS, LUZI JENNY

OS Artificial Sequence

PN JP 201515087-A 1 18-SEP-2001;

STEPAN PITSCH, PATRICK A WEISS, LUZI JENNY

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PN JP 201515087-A 1 18-SEP-2001;

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artificial sequences.

I (bases 1 to 20)

S Segawa, Takarada, H., Aono, T. and Yoshiga, S.

Method of detecting single base polymorphism

I TOYOBO CO LTD

OS Artificial Sequence

IN D 2002034599-A,9

PD 05-FEB-2002

PP 26-JUL-2000 UP 200025354

PI MASAYA SEGAWA, HROSHI TAKARADA, TOSHIYA AONO, SATOKO YOSHIGA PC

C1201/68, C12N15,000

CC Description of Artificial Sequence: primer

FR KEY
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PN JP 2001515087-A/1
PD JP 2001515087-A/1
PF 17-AUG-1998 JP 2000509723
PR 18-AUG-1998 JP CH 1931/97
PR 18-AUG-1998 JP CH 1931/97
PR 18-AUG-1998 JP CH 1931/97
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Matches 17; Conservative 0; Mismatches 0;
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S Tan, P., Hiyama, J., Visser, E.S., Skinner, M.A., Scott, L.M. and Prestidge, R.L.
Compounds and methods for treatment and diagnosis of Mycobacterial infections and methods for treatment and diagnosis of Mycobacterial infections and methods for treatment and diagnosis of Mycobacterial of Eursts RESEARCH & DEVELOPMENT CO LTD

OS Unidentified PN DEVELOPMENT CO LTD

PN D 201-RAB-2001

PP 29-AUG-1997 JP 1998511516

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PP 29-AUG-1997 JP 1998511516

PP 29-AUG-1997 JP 1998511516

PP ROSS L PRESTIOR PR PI SCOTT,

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PI ROSS L PRESTIOR PR PI POSS L PRESTIOR PI LINDA M SCOTT,

PR AGIX39/04/AGIX35/74, CO7K14/35, C12N15/63

CC Strandedness: Single,

CC Topology: Linear;

FF Source Loraniom='Unidentified'.
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/organism="synthetic construct"
/organism="synthetic construct"
/organism="synthetic DNA"
/db _xref="teacon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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                                                                                                                                                                  Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. whethods, kits and compositions pertaining to the suppression of dethods be binding to randomly distributed repeat sequences in genomic nucleic acid Patent: WO 0302738-A 26 03-APR-2003; Boston Probes, Inc. (195); bakoCytomation Denmark A/S (DK)
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/organism='Unidentified'
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Matches 17; Conservative 0; Mismatches 0;
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BD008523.1 GI:18636896
JP 2001503969-A/26.
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Heller,M.J. and Tu.E.
Active programmable electronic devices for molecular biological analysis and diagnostics
Patent: US 5605662-A 16 25-FEB-1997;
Location/Qualifiers
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                 OC Artificial sequences.

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/organism='Artificial sequences'.
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Sequence 16 from patent US 5605662.
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Sequence 13 from patent US 5968754.
AR080294.1 GI:10007029
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/organism="unidentified"
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  SOYAKU GIJUTSU KENKYUSHO:KK
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BD161924.1 GI:27867682
BD161924.1 GI:27867682
BP16191369-A/1.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
1 (bases 1 to 20)
Method for carrying out thermal cycle of PCR using DNA-immobilized substrate.
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TOYO KOHAN CO LTD, KOJTRO TAKAHASHI
OS Artificial Sequence
PN JP 2002191369-A/1
PD 09-UUL-2000
PF 27-DEC-2000 JP 2000399573
PF MICHIFUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI PC
CI2N15/09, C12N15/09, C1201/68, C12N15/00, CC Method for immobilized
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1 (bases 1 to 20)

13 (bases 1 to 20)

14 (bases 1 to 20)

15 (bases 1 to 20)

ANTI-HILV-1 ANTI-SENSE OLIGONUCLECTIDE

PARTHILY TO 1997052898-A 10 25-FEB-1997;
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/db_kref="taxon:32630"
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/mol_type="genomic DNA"
/db_xrref="taxon:32630"
1 0 c 0 9 20 t
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JP 1997052898-A/10. unidentified
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PAT 08-SEP-2000

source

FEATURES

REFERENCE AUTHORS

BASE COUNT

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Unknown.
Unclassified.
Unclassified.
I (bases)
Watson, M.A. and Fleming, T.P.
Method for detecting the presence of breast cancer by detecting an increase in mammaglobin mRNA expression
Patent: US 6004756.A 31 21-DEC-1999;
Location/Qualifiers
                                                                                                                                                 Unclassified.

1 (bases 1 to 21)
Bergan,R. and Neckers, b.
Inhibition of protein kinase activity by aptameric action of oligomucleotides
Patent: US 5998596-A 12 07-DBC-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 21;
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tive 0; Mismatches 0;
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Unclassified.
1 (bases 1 to 21)
Brenner.S.
Compositions for sorting polynucleotides
Patent: US 6140489-A 23 31-OCT-2000;
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1.5%; Score 17; DB 1; L
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0;
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Sequence 23 from patent US 6140489.
ARI18155.1 GI:14099061
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                                              AR093143 21 bp
Sequence 12 from patent US 5998596.
AR093143.1 GI:10019895
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Masson, K.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas. Oligonucleotide repeat arrays
Patent: US 5981185-A 13 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 21)
Matson, K.S., Cosssin, P.J., Rampal, J.B. and Caskey, C.Thomas. Oligonucleotide repeat arrays
Patent: US 5981185-A 10 09 NOV-1999;
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JEERENCE 1 (bases 1 to 21)
AUTHORS Watson, M.A. and Fleming, T.P.
TITLE Mammaglobin, a mammary-specific breast cancer protein
JOURNAL Patent: US 5968754-A 13 19-OCT-1999;
LOCATION/Qualifiers
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AR0841221 AR194521.1 GI:10011292
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BD080832 21 bp DNA linear PAT 27-AUG-2002
Mammaglobin, a secreted mammary specific breast cancer protein.
BD080832
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Methods for enhancing antibody-induced cell lysis and treating
cancer
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/organism="synthetic construct"
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/db_xref="taxon:32630"
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AX5477773.1 GI:25812917
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Sequence 840 from Patent WO0197843.
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 912 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Unclassified.
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Heller,M.J., Tu.B., Evans,G.A. and Sosnowski,R.G.
Methods for transport in molecular biological analysis and
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Location/Qualifiers
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Sequence 2 from patent US 6238624.
AR153849.
AR153849.1 GI:15121902
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I (bases 1 to 21)

Heller,M.J. and Tu.E.

Active programmed be electronic devices for molecular biological analysis and diagnostics
Patent: US 5605662-A 2 25-FBB-1997;

Location/Qualifiers
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Watson,M.A. and Fleming,T.P.
Polymuclectides encoding mammaglobin, a mammary-specific breast cancer protein
Patent: US 5668267-A 13 16-SEP-1997;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0;
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iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 13 from patent US 5668267.
165744.1 G1:2482314
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136166 1 GI:2086679
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/organism="unknown"
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Matcon, M. A. and Fleming T.P.

Matcon, M. A. a
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N J 2001525193-A/2
PP 11-DEC-2001
PP 01-DEC-1998 UP 2000524303
PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI,WILLIAM F BUTLER, EUGENE TU,MICHAEL I PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD087491 27-AUG-2002. Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis. BD087491 G1:22633101 40:201525393-A/2. Synthetic construct synthetic construct synthetic construct satisficial sequences. I (bases 1 to 21) Sosnowski, R.G., Butler, W.F., Tu, E., Nerenberg, M.I., Heller, M.J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Columniant (Columniant) Strandedness: Single;
Topology: Linear;
Mammaglobin, a secreted mammary specific breast cancer protein
Key
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18-SEP-1997 US 08/933149
MARK A WATSON, TIMOHHY P FEMING
CIZNIS/09, AGIX35/26, AGIK39/00, AGIK39/00, AGIK39/395, AGIK39/395,
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C12Q1/68,C12N15/09,C12N15/00
Description of Artificial Sequence: Synthesized with u at 3'
terminus to
provide ribonucleic acid base for reactivity; Poly A sequence
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| /organism="unidentified"
| /mol_type="genomic DNA"
| /db_tref="taxon:32644" |
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Unknown.
Unclassified.
1 (bases I to 22)
1 (bases I to 22)
Torrece, P. F., Silverman, R. H., Maitra, R. K. and Lesiak, K. Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 19 07-AUG-2001;
Location/Qualifiers
Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs Patent: US 6271369-A 2 07-AUG-2001; Location/Qualifiers
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SM Unknown.
Unclassified.
2E 1 (bases 1 to 22)
RS Torrece, P., Silverman, R., Maitra, R. and Lesiak, K.
RS Torrece, P., Silverman, R., Maitra, R. and Lesiak, K.
RS Method of Gleaving specific strands of RNA
NAL Patent: US 5583032-A 1 10-DEC-1996;
Location/Qualifiers
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100.0%; Pred. No. 2.3e+02;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 2.3e+02;
tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 1 07-AUG-2001;
Location/Qualifiers
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1 (bases 1 to 21)
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Brenner, 6.
Massively parallel sequencing of sorted polynucleotides
Patent: US 5695934-A 23 09-DEC-1997;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
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Sequence 23 from patent US 5695934.
184433.1 GI:3021953
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Sequence 1 from patent US 6271369.
AR164318
AR164318.1 GI:16235432
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AR2640Ence 2 from patent US 6271369.
AR164319.1 GI:16235434
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RESULT 231
AR164318/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOUNCE
ORGANISM

source

BASE COUNT

REFERENCE AUTHORS TITLE JOURNAL FEATURES

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Gaps

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RESULT 232
AR164319/c
LOCUS
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VERSION
KEYWORDS
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REFERENCE

PAT 06-FEB-1997

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Gaps

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PAT 01-SEP-2000
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Unclassified.
1 (bases 1 to 22)
Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA and medical treatments
                                                                                                                                                                                                                                                                               Unkinch...
Unkinch...
Unknown...
Unclassified.
1 (bases 1 to 22)
1 (bases 1 to 22)
TOTIONCE,P., Silverman,R., Maitra,R. and Lesiak,K.
TOTIONING specific strands of RNA and medical treatments thereby US 5677289-A 2 14-OCT-1997;
Patent: US 5677289-A 2 14-OCT-1997;
Location/Qualifiers
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                                             Length 22;
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Patent: US 5677289-A 19 14-OCT-1997;
Location/Qualifiers
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Sequence 19 from patent US 5677289.
169425 1 GI:2831547
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22 bp
294080ce 2 from patent US 5677289.
169408.1 GI:2831530
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/organism="unknown"
a 0 c 0 g
    /organism="unknown"
0 c 0 g
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AR084981/c
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169408/c
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AUTHORS
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                                 PAT 06-FEB-1997
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Torrence, P., Silverman, R., Maitra, R. and Lesiak, K.

Method of cleaving specific strands of RNA and medical treatments thereby to 5677289-A 1 14-0CT-1997;

Location/Qualifiers
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I (bases 1 to 22)
Torrence, Silverman, R., Maitra, R. and Lesiak, K.
Method of cleaving specific strands of RNA
Patent: US 5583032-A 19 10-DEC-1996;
Location/Qualifiers
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                                                                                                          Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 22)
Torrence, P., Sliverman, R., Maitra, R. and Lesiak, K.
Method of cleaving specific strands of RNA
Parent: US 5583032-A 2 10-DEC-1996;
Location/Qualifiers
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                              131811 22 bp
Sequence 2 from patent US 5583032.
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22 a 0 c 0 g
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131811.1 GI:1822602
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ACCESSION
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RESULT 235
131811/c
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131828
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169407/c
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BASE COUNT

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Synthetic construct
synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 23)
S Mizutani,M., Sakakibara,K., Tanaka,Y., Kusumi,T. and Ono,E.
Novel glucosyltranaferase gene
I NTERNATIONAL FLOWER DEVELOPMENTS PROPRIETARY LTD, MASAKO MIZUTANI,
KEINO SARAKIBARA, YOSHIKAZU TANAKA, TAKAAKI KUSUMI, EIICHIRO ONO
OS Artificial Sequence
PD 06-DEC-2001
PP 01-JUN-2001 WO 2001JP0004675
PR 02-JUN-2000 JP 00P 170436
PI MASAKO MIZUTANI,KEIKO SAKAKIBARA, YOSHIKAZU TANAKA,TAKAAKI PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD133515 23 bp DNA linear PAT 18-SEP-2002 Method for testing remedy or preventive for osteoporosis or articular rheumatism.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear PAT 27-AUG-2002
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PP 01-JUN-2010 WO 2001JPD04675
PP 01-JUN-2010 WO 2010 170436
PI MASAKO MIZUTANI,KEIKO SAKAKIBARA,YOSHIKAZU TANAKA,TAKAAKI PI KUSUMI.
PI CIZNIS/09,CIZNIS/29,CIZNIS/54,CIZNI/15,CIZNI/19,CIZNI/21 PC CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNIS/00,CIZNI
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BD133515.1 GI:2328460
JP 2002051782-A/6.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Okutsu,J., Kawaida,R., Otsuka,T. and Takahashi,W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
1. .23
/organism='Artificial Sequence'.
Location/Qualifiers
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                                                                                                             Query Match 1.5%; Score 17; DB 1; Length 23; Best Local Similarity 100.0%; Pred. No. 2.4e+02; Matches 17; Conservative 0; Mismatches 0; Indels
                 /note="probes to target sequences"
3 c 0 g 2 t
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/organism="synthetic construct"
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a 2 c 2 g 18 t
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Novel glucosyltransferase gene.
BD105197.
BD105197.1 GI:22650771
WO 0192509-A/3.
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BD105197/c
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BD133515/c
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Unknown.
Unclassified.
E 1 (bases 1 to 23)
(S Ullrich,A. and Vogel,W.
PTP ID: a novel protein tyrosine phosphatase
AL Patent: US 6548641-A 15 15-APR-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
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Sequence 15 from patent US 6548641.
AR306617.1 GI:31696809
   Sequence 15 from patent US 5981251.
AR084981
AR084981.1 GI:10011752
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Squence 5 from Patent EP1186673.
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AX394607.1 GI:21065720
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1 a 2 c 2 g
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Unclassified.
Unclassified.
(bases 1 to 24)
Spurr, N.K., Gray, I.C. and Stewart, D.M.
Diagnosis of susceptibility to cancer and treatment thereof
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Molecular indexing for expressed gene analysis
Patent: US 5707807-A 4 13-JAN-1998;
Location/Qualiflers
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Unclassified.
1 (bases 1 to 23)
Ullrich, A. and Vogel, W.
PTP 1D: a novel protein tyrosine phosphatase
Patent: US 5589375-A 15 31-DEC-1996;
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0;
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Sequence 82 from patent US 6287854.
AR168453. GI:17904379
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Sequence 4 from patent US 5707807.
179497.1 GI:3207787
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/organism="unknown"
2 c 2 g
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/organism="unknown"
2 c 2 g
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articular rheumatism
Patent: JP 2002051782-A 6 19-FEB-2002;
SANKYO CCO LTD
OS Artificial Sequence
PN JP 2002051782-A/6
PN JP 2002051782-A/6
PN JP 2002051782-B-200
PN JP 2002051782-B-200
PN JP 2002051782-B-200
PN JP 2002051782-A/6
PN JUNICHI OKUTSU, REMI KAWAIDA, TOSHIAKI OTSUKA, WATARU TAKAHASHI
PN JUNICHI OKUTSU, REMI KAWAIDA, TOSHIAKI OTSUKA, WATARU TAKAHASHI
PN JUNICHI OKUTSU, REMI KAWAIDA, TOSHIAKI OTSUKA, WATARU TAKAHASHI
PN JP 3001N33/15, PC GOINN33/50, GOINN33/50, GOINN33/53/C12P21/08, C12Q1/68, PC
Description of Artificial Sequence: PCR primer for molecular CC
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C12Q1/68,C07H21/02,C07H21/04,C12N15/09;
Btrandedness: Single;
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topology: Linear;
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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INDEXTACK METHOD OF DNA MOLECULE
Patent: JP 1996322598-A 1 10-DEC-1996;
RES DEV CORP OF JAPAN
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    .23
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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UP 195322598-A/1
10-DEC-1996
12-SEP-1995 UP 1995234122
28-MAR-1995 UP 95P 69695
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212391
E12391.1 GI:3251224
UP 1996322588-A/1.
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1 (bases 1 to 23)
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E12391/c
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artificial sequences.

E 1 (bases 1 to 24)

S Tangam, Okamura, I. Takagi, K. and Takahashi, K.

Support for immobilizing nucleotide and process for producing the patent: WO 0155365-A 1 02-AUG-2001;

TOYO KOHAN CO LTD, MICHIFUMI TANGA, HIROSHI OKAMURA, KENICHI TAKAGI, KOJIRO TAKAHASHI

OS Artificial Sequence
PN WO 0155365-A/1

PP 24-JAN-2001 WO 2001UP000443

PR 27-JAN-2001 UP 00P 019301

PI MICHIFUMI TANGA, HIROSHI OKAMURA, KENICHI TAKAGI, KOJIRO PI
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                                                              BD097127 24 bp DNA linear PAT 27-AUG-2002 Support for immobilizing nucleotide and process for producing the
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synthetic construct
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Tanga,M., Okamura,H. and Takahashi,K.
Method for carrying out thermal cycle of PCR using DNA-immobilized
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Support for immobilizing nucleotide and process for producing
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TOYO KOHAN CO LIP, KOJIRO TAKAHASHI
OS Artificial Sequence
PN JP 2002191369-A9
PD 09-JUL-2002
PP 27-DEC-2000 JP 2000399573
PI MICHIFUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI PC
CAIN15/09, C12N15/09, C12Q1/68, C12N15/00 CC Method for immobilized
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Location/Qualifiers
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/organism="synthetic construct"
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Best Local Similarity 100.0%; Pred. No. 2.5
Matches 17; Conservative 0; Mismatches
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BD097127.1 GI:22642701
WO 0153365-A/1.
synthetic construct
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BD161931.1 GI:27867689
JP 2002191369-A/8.
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PD 02-AU
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BD097127/c
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 134 29-0CT-2002;
Location/Qualifiers
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                                                                                                 ch 1.5%; Score 17; DB 1; Length 24; Similarity 100.0%; Pred. No. 2.5e+02; 17; Conservative 0; Mismatches 0; Indels
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Seguence 134 from patent US 6472154.
AR241846
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Patent: US 6287854-A 82 11-SEP-2001;
Location/Qualifiers
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Sequence 7 from Patent EP1186673.
AX394609 GI:21065722
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Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners

Patent: WO 0183749-A 443 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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/ no c 1 g 17 t
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Sequence 443 from Patent WO0183749.
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Kanbara, H., Okano, K. and Uematsu, K.
ANALYSIS OR DETECTION OF NUCLEIC ACID AND ANALYSER OR INSPECTION
DEVICE OF NUCLEIC ACID
PATENT: JP 1997149799-A 1 10-JUN-1997;
HITACHI LTD
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OC Artificial sequences.

PN JP 19971447999-A/1

PD 10-JUN-1997

PP 30-NOV-1995 JP 1995311949

PI KANBARA HIDEKI, OKANO KAZUNOBU, UEMATSU KAZUMUNE PC C1201/68, C07421/04, C12M1/00, C12N15/09, C12Q1/44, C12Q1/48, PC G01N27/447,

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/crganism='Artificial sequences'.
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/organism='Artificial sequences'.
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RESULT 253 E13209/c

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PAT 16-MAY-2003
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Detection system for analyzing molecular interactions, production
                                                                                              Unknown.
Unknown.
Unclassified.
I (bases 1 to 23)
I (bases 1 to 23)
Kinet,J.Bierre.
Isolation, characterization, and use of the human .beta. subunit of the high affinity receptor for immunoglobulin E Patent: US 6171803-A 7 09-JAN-2001,
Patent: US 6171803-A 7 .....
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Method for the detection of cytosine methylations
Patent: WO 0231186-A 22 18-APR-2002;
Epigenomics AG (DE)
Location/Qualifiers
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90.0%; Pred. No. 2.6e+02;
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Sequence 7 from patent US 6171803.
AR123791 GI:14109152
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Sequence 22 from Patent WO0231186.
AX457061
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Sequence 8 from Patent W00071749.
AX052992.1 GI:12227094
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unclassified.
1 (bases I to 20)
Miraglia,L.J. Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 249 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/249
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PR 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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   Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Rose, D. and Tordoff, M.G. Meden, J. C., Reed, D.R., Rose, D. and Tordoff, M.G. Gome and sequence variation associated with sensing carbohydrate compounds and other sweeteners

Patent: WO 0183749-A 470 08-NOV-2001;

WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
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C12N15/09, A61X48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
C12Q1/68,
C12N15/00
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Antisense modulation of human MDM2 expression FH
Location/Qualifiers
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                                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                                                                                            1.5%; Score 16.8; DB 1; Length 2
90.0%; Pred. No. 2.3e+02;
cive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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Antieense modulation of human MDM2 expression.
BD138323
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 2 c 10 g 2
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/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"
a 10 c 0 9 7
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JP 2002508944-A/249.
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Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity 90.03
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RESULT 257 BD138323 LOCUS

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BASE COUNT

ORGANISM

REFERENCE

AUTHORS TITLE JOURNAL

COMMENT

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RESULT 258 AR123791

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FEATURES

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PAT 09-MAR-2001
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1 (bases 1 to 18)

1 (bases 1 to 18)

Raufman, J.C., Roth, M.E., Lizardi, P.M., Feng, L. and Latimer, D.R.

Binary encoded sequence tags

Binary encoded sequence tags

Patent: US 63837847 77 MAY-2002;

Location/Qualifiers
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Patent: WO 0112855-A 7 22-FEB-2001;
YALE UNIVERSITY (US)
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Best Local Similarity 94.4%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 1;
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/mol type="genomic DNA"
/b xref="taxon:32630"
/nofe="Primer"
                                                                                                            Query Match
Best Local Similarity 82.6%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 4;
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/db_xref="texon:32630"
/nofe="Komponente" (b) -4"
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Sequence 7 from Patent W00112855.
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AX085253/c
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JOURNAL
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AR208427/c
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TITLE
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Detection system for analyzing molecular interactions, production and utilization thereof
Patent: WO 0071749-A 17 30-NOV-2000;
Patent: WO 0071749-A 17 30-NOV-2000;
Patent: Generich & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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Detection system for analyzing molecular interactions, production and utilization thereof
and utilization thereof
Patent: WO 0071749-A 16 30-NOV-2000;
Patent: WO MOTO & Technology GmbH & Co. KG. (DE)
Aventis Research & Technology GmbH & Co. KG.
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      and utilization thereof
Patent: Wo 0071749-A 8 30-NOV-2000;
Aventis Research & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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|noTe="Komponente (b)-3"
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 17 from Patent WO0071749.
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Sequence 16 from Patent WO0071749.
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AX053001.1 GI:12227103
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Matches 19; Conservative
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Matches 19; Conservative
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RESULT 261
AX053000/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE

BASE COUNT

ORGANISM

AUTHORS

TITLE

REFERENCE

JOURNAL

FEATURES

RESULT 262 AX053001/c LOCUS DEFINITION

BASE COUNT

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TITLE

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ACCESSION VERSION KEYWORDS SOURCE

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1.5%; Score 16.2; DB 1; Length 21;
85.7%; Pred. No. 3e+02;
tive 0; Mismatches 3; Indels
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94.4%; Pred. No. 3e+02;
tive 0; Mismatches 1;
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3 g 5 t
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/mol_type="genomic DNA"
/note="Komponente (b)-5"
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Sequence 672 from Patent WO0244994.
AX598398
AX598398.1 GI:28398574
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Sequence 18 from Patent WO0071749.
AX053002
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18 TACAAAAAAAAAAAA 1
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Best Local Similarity 85.7
Matches 18, Conservative
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AX053002/c
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Detection system for analyzing molecular interactions, production and utilization thereof
Patent: WO 0071749-A 9 30-NOV-2000;
Patent: WO 0071749-A 9 30-NOV-2000;
Patent: Mo 0071749-A 9 30-NOV-2000;
Patentis Research & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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1.5%; Score 16.4; DB 1; Length 23;
Best Local Similarity 94.4%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
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/organism='Artificial Sequence'
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94.4%; Pred. No. 2.6e+02;
tive 0; Mismatches 1;
                              Method for purifying oligonucleotide.

E59328.
E59328.1 GI:18622505
JP 2000342265-A/9.
Synthetic construct
synthetic construct
artificial sequences.
Hirose, K. and Yoshida, T.
Hirose, K. and Yoshida, T.
Method for purifying oligonucleotide
Patent: JP 2000342265-A 9 12-DEC-2000,
TOAGOSEI CHEM IND CO LTD
OS Artificial Sequence
FN JP 2000342265-A/9
PR 02-JUN-1999 JP 1999154974
PR KUNIHIKO HIROSE, TADAO YOSHIDA
PC CILLIS/09, BOIDIS/08, CIZNIS/00
CC TILLIS/09, BOIDIS/08, CIZNIS/09
FT SOURCE | 1. 20 | /organism='Artificial
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/organism="synthetic construct"
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/organism="synthetic construct"
/organism="synthetic construct"
/oritype="genomic DNA"
/db_xref="taxon:32630" 1 t
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Axquence 9 from Patent W00071749
AX052993 GI:12227095
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synthetic construct
artificial sequences.
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AX052993/C
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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indiga, M., Kutensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neri, B.P., Reimer, N.D., Roeven, R., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D.
Systems and method for detection assay production and sale Patent: WO 0244994-A 672 Ge-TUN-2002;
THIRD WAVE TECHNOLOGIES, INC. (US)
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PAT 12-JAN-2001
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                                                                                                                                                                                                                                                                                                                                               Boekenkamp, D., Hoppe, H.U., Burgstaller, P., Konz, D., Woelk, U. and
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PAT 29-SEP-1999
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                    Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Unclassified.
1 (base 1 to 16)

Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.

Covalently linked oligomucleotide minor grove binder conjugates

Patent: US 5801155-A 2 01-SEP-1998;

Localion/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 16)
1 (bases 1 to 16)
1 Salle,D., Emile,C., Helene,C. and Spenlehauer,G.
Nacleic acid-containing composition, its preparation and use Patent: US 5556435-A 15 05-JAN-1999;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0;
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Patent: WO 02072882-A 49 19-SEP-2002;
OGHAM GmbH (DE)
                                                                                                                                                                      /organism="Homo sapiens"
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/mol_type="genomic DNA"
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Sequence 15 from patent US 5856435.
AR027678 AR027678.1 GI:5938498
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                                                                                               Cullen, P. and Seedorf, U.
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                                   PAT 21-MAR-2001
                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                     Hayden, M.R., Brooks-Wilson, A.R., Pimetone, S.N. and Clee, S.M. Compositions and methods for modulating hdl cholesterol and triglyceride levels Patent: WO 115576-A 199 08-MAR-2001; University of British Columbia (CA); Xenon Genetics Inc. (CA) Location/Qualifiers
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1.5%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 3.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
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                         22 bp 1
Sequence 199 from Patent WO0115676.
AX092787.1 GI:13444844
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Tetraspan protein and uses thereof
Patent: WO 0206340-A 10 24-JAN-2002;
CHIRON CORPORATION (US)
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Sequence 10 from Patent WO0206340.
AX440932
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AX440932
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          Unclassified.
Unclassified.
1 (bases 1 to 16)
Kutyavin.I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6226408-A 3 30-JUL-2002;
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11 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6466308-A 2 26-NOV-2002;
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1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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Matches 16; Conservative 0; Mismatches 0;
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1 (bases 1 to 16)

Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429300-A 22 06-AUG-2002;
Location/Qualifiers
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AR222462
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Sequence 2 from patent US 6486308.
AR257437. GI:27307448
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Location/Qualifiers
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Location/Qualifiers
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AR104584.
AR104584.1 GI:12817292
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Sequence 2 from patent US 6426408.
AR221692.
AR221692.1 GI:23328764
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/organism="unknown"
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1 (bases 1 to 16)
Cech, T.R. and Nakamura, T.
                                                                                                                                                                                                                                                Unclassified.
1 (bases 1 to 16)
Cech, T.R. and Lingner, J.
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1. (bases 1 to 16)

Okamura, H., Tanga, M., Oba, M., Yamakawa, K. and Takegi, K.

Surface-roughened slide glass and method of analyzing biological
substance using the same

Nuclassified.

TOYO KOHAN CO LTD

OS Artificial Sequence
PN JP 2002211954-A/2

PD 31-JUL-2002

PP 30-CCT-2001 JP 2001332778

PP 30-CCT-2001 JP 2001332778

PI HROSHI OKAWURA, MICHIFUMI TANGA, MITSUYOSHI OBA, KAORU YAWAKAWA,

PI HROSHI OKAWURA, MICHIFUMI TANGA, MITSUYOSHI OBA, KAORU YAWAKAWA,

PI KENICHI TAKAGI

PC 030215/00, C03C17/245, C12M1/00, C12N15/00, C12N15/00,

PC G10N33/53, G01N33/53, G01N37/00, C12N15/00, C12N15/00 CC

Surface-roughened slide glass and method of analyzing CC

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BD167413.
BD167413.1 GI:27873225
3 UP 2002211954-A/1.
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BD167414.1 GI:27873226
JP 2002211954-A/2.
unidentified
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PD 31-071-2002

PP 30-0CT-2001 JP 201332778

PI HIROSHI OKAMURA,MICHIFUMI TANGA,MITSUYOSHI OBA,KAORU YAMAKAWA,

PI KENICHI TAKAGI

PC C03C15/00,C03C17/245,C12M1/00,C12N11/14,C12N15/09,C12N15/09,

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Matches 16; Conservative 0; Mismatches 0; Indels
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Nucleoside derivatives with photo-unstable protective groups
Patent: WO 0061594-A 2 19-OCT-2000;
DEUTSCHES KREBSFORSCH (DE) ; BELER MARKUS (DE) ; HOHEISEL JOERG
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Patent: WO 0163382.A, 9 30-AUG-2001,
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
Location/Qualifiers
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Sequence 9 from Patent WO0163282.
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REFERENCE AUTHORS TITLE

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RESULT 280 AX235176/c LOCUS

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Unklown.
Unclassified.
I (bases 1 to 17)
Scelongs, C. J. and Bidney, D.L.
Scelongs, C. J. and Bidney, D.L.
Gene encoding oxalate decarboxylase from aspergillus phoenices
Gene encoding oxalate decarboxylase from aspergillus phoenices
Patent: US 6297425-A 30 02-OCT-2001;
Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                               Unclassified.
Unclassified.

I (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 60 25-MAR-1997;
Location/Qualifiers
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1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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Sequence 30 from patent US 6297425.
AR172076.1 GI:17911026
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Unclassified.
1 (bases 1 to 17)
Scelonge, C.J. and Bidney, D.L.
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/organism="unknown"
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AR172076/c
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Unclassified.
Unclassified.

(bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 36 25-MAR-1997;
Location/Qualifiers
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1 (bases 1 to 16)

1 (bases 1 to 16)

Cook, P.D. and Sanghvi, Y.S.

Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression

Patent: US 5614617-A 42 25-MAR-1997;

Location/Qualifiers
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/organism='Artificial Sequence'
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Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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Matches 16; Conservative 0; Mismatches 0;
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138676
138676.1 GI:2084730
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Sequence 42 from patent US 5614617.
138682
138682.1 G1:2084736
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/organism="unknown"
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PAT 15-FEB-2002
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                                                                                                                                                    Unknown.
Unknown.
Unclassified.
I (bases 1 to 17)

MCClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Reduced complexity nucleic acid targets and methods of using same
Reduced complexity nucleic acid targets
Reduced complexity nucleic acid targets

Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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A method and an algorithm for mrna expression analysis
Patent: NO 0208461-A. 24 31-JAN-2002;
Global Genomics AB (SE)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Double-stranded product DNA"
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Sequence 5257 from Patent EP1281758.
AX692525
AX69255.1 GI:29415483
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Sequence 63 from patent US 6495319.
AR266625
AR266625.1 GI:29695689
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Sequence 24 from Patent WO0208461.
AX361606
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AX692525/c
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Unknown...
Unclassified.
Inclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Parco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Parco,P., McSwiggen, Tor the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2551 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)

Pavo.P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rathod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6346398-A 2550 12-FEB-2002;

Location/Qualifiers
Gene encoding oxalate decarboxylase from aspergillus phoenices Patent: US 6303846-A 30 16-OCT-2001; . Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 16; Conservative 0; Mismatches 0; Indels
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Sequence 2551 from patent US 6346398.
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Sequence 2550 from patent US 6346398.
AR187062.1 GI:20233027
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AR187063/c
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artificial sequences.

I (bases 1 to 17)
Signita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Signita, Y., Mashiwabara, T., Oshida, T., Obayashi, M.,
Signiy, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.
441, a novel gene related to pollen allergy
Datent: WO 0073435-A 2 07-DEC-2000,
Artificial Sequence
NADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI
OF Artificial Sequence
NA WO 0073435-A/2
PD 07-DEC-2000
PP 18-MAY-21099 JP 99P 148783
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
NET YOCHIDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NEI YOSHIDA,
KAOKU OGAWA, KEIKO MATSUI
C12N15/10,C12Q1/68,G01N33/15,G01N33/50
Description of Artificial Sequence:Artificially Synthesized CC
Primer Sequence
      TAKAHASHI, AKIRA YOKOI

OS Artificial Sequence

NO 0065050-A/2

PD 02-NOV-2000

PF 26-APR-2000 WO 2000JP002734

PR 77-APR-1999 JP 99P 120494

PI TAKESHI NAGASU, YUJI SUGITA, TONOKO KASHIWABARA, TADAHIRO OSHIDA, PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI AKIRA YOKOI PC 120115/12, CO7K14/47, CO7K16/18, C1201/68, G01N33/50//A61K31/00, PC CC Description of Artificial Sequence: Artificially Synthesized CC
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0; Indels
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441, a novel gene related to pollen allergy.
BD091742.
BD091742.1 GI:22637353
WO 0073435-A/2.
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/db_xref="taxon:32630"
1 g 15 t
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    .17 organism="synthetic construct"
/mol_type="genomic DNA"
/mb_xref="taxon;32630";

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a tificial sequences.
1 (bases 1 to 17)
Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Adhashi, E. and Yokoi, M.
795, a novel gene related to pollen allergy
Patent: WO 0065050-A 2 02-NOW-2000;
GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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100.0%; Pred. No. 2.7e+02;
ative 0; Mismatches 0; Indels
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                                                                     Patent: BP 1281758-A 5257 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
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0 c 1 g 16
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|/organism="Homo sapiens"
|/mol_type="genomic DNA"
|/db_xref="taxon:9606"
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AX692526/c
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1 (bases 1 to 17)

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

National criticals of 70 sepsences.

National cHildren's Hospital, Hirohis by General Director OF
NATIONAL CHILDREN'S HOSPITAL, HIROHISU NAKAUCHI, YUTAKA
NATIONAL CHILDREN'S HOSPITAL, HIROHISA SAITO
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial sequence
N WO 0165259-A/5

PP 07-SEP-2001
PP 23-FEB-22001
PP 23-FEB-22001
PP 17AKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
HIDHISA SAITO
HIDHISA SAITO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Description of Artificial Sequence: Artificially Synthesized CC
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COLN33/53, C12Q1/68, C12N15/12, G01N33/15, A01K67/027, A61K39/395,
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Location/Qualifiers
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 2.7e+02;
ive 0; Mismatches 0;
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/mol_type="genomic DNA"
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WO 0165259-A/5.
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Gunji,S., Obayashi,I., Imai,Y., Yoshida,T., Obayashi,M.,

Gunji,S., Obayashi,I., Imai,Y., Yoshida,M., Ogawa,K., Matsui,K.,

Takahashi,E. and Yokci,A. 2 07-DEC-2000;

Genor RESEARCH INC, TAKESHI NAGASU, YUUI SUGITA, TOMOKO KASHIWABARA,

TARAHIRO OSHIDA, MASAYA OBAYASHI, SHOEMICH GUNI, IZIMI OBAYASHI,

TAKAHASHI,AKIRA YOKOI

OS Artificial Sequence
PN WO 0074439-A/Z

PD 07-DEC-2000

PF 13-MAY-2000 WO 2000JP001191

PR 27-MAY-1999 JP 99P 148784

PI MASAYA OBAYASHI, SHIGEMICHI GUNI, IZUMI OBAYASHI, YUKIHO IMAI,

PI NET YOSHIDA,

ROON OF NASHIWABARA, TADAHIRO OSHIDA,

PI NASAYA OBAYASHI, SHIGEMICHI GUNI, IZUMI OBAYASHI, YUKIHO IMAI,

PI NEI YOSHIDA,

PI NET YOSHIDA,

PI NEI YOSHIDA,

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ARTIFICIAL Sequence ARTIFICIALLY SYNTHESIZED CC PRIMER

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artificial sequences.

1 (bases 1 to 17)
Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Ganji,S., Cobayashi,T., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.
787, a novel gene related to pollen allergy
Berten: WO 0013440-A 2 07-DEC-2000,
GENOX RESEARCH INC,TAKEBHI NAGASU,YULI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBANASHI,SHICEMICHI GUNUI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
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465, a novel gene related to pollen allergy.
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787, a novel gene related to pollen allergy.
BD091773
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_Xref="taxon:32630"
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BD16/835.1 GI:27873647

WO 0233122-A/2.

WO 0233122-A/2.

Synthetic construct

synthetic construct

artificial sequences.

I (Joses I to I7)

Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., Saito, H.

And Takahashi, E.

Method for examination of allergosis

Patent: WO 0233122-A, 2 25-APR-2002,

GENOX RESERRY INC, JAPAN AS REPRESENTED BY GENBRAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA, RYOICHI
HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA

SAITO, EIKI TAKAHASHI
OS ARTIficial Sequence

PO 25-APR-2002

PP 11-OCT-2001 WO 2001JP008937

PR 13-OCT-2000 UP 00P 314093

PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
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Description of Artificial Sequence:an artificially synthesized
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PC CI2Q1/68,CI2N15/09,GOIN33/53,GOIN33/50,CI2Q1/02,A61K48/00,
PC A01K3/027//C07K16/18,CI2N5/10
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C07K14/47,
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Patent: JP 2002095500-A 2 02-APR-2002;
GENOX REBEARCH INC.THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
NN JP 2002095500-A/2
PD 02-APR-2002
PF 22-SEP-2000
PF 22-SEP-2000
PF 22-SEP-2000
PF 22-SEP-2000
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PF 24-SEP-2000
PF 24-SEP
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/organism='Artificial Sequence'
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method for examination of allergosis.
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BD167835/C
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DEFINITION
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JOURNAL
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AUTHORS
        JOURNAL
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GOIN33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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CI2N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,PC
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WO 0224903-A/2
28-WAR-2002
21-SEP-2001 WO 2001JP008246
25-SEP-2000 JP 00P 291318
YMD1 SUGITA,RYOIGHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA, PI
                                                                                                                                                                                                                                                                                                                                 artificial sequences.

1 (bases 1 to 17)

Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoto,G. and Takahashi,E.
Method of examining allergic disease
Patent: WO 0224903-A 2 28-MAR-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SIGITA,RYOICHI HASHIDA,KAORU
OGAWA,TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO,EIKI
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T. and
Tsujimoto, K.
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100.0%; Pred. No. 2.7e+02;
ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="taxon:32630"
/db_xref="taxon:32630"
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Method of examining allergic disease.
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                                17 TAAAAAAAAAAAA
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Matches 16; Conserv
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PC C12N1 (C12Q1/68, PC A01K6 PC G01N3)
PC G01N3 (CC Descr
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OS Artif
PN WO 02
PD 28-MA
PF 21-SE
PR 25-SE
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BD143834/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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BD142808/C
LOCUS
DEFINITION
ACCESSION
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KEYWORDS
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DIG8111

In bp DNA linear PAT 17-JAN-2003

Wethod for examination for allergosis.

B168111.1 G1:27873923

S W 0223069-A/18.

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 17)

S Sugita,Y. Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and artificial sequences.

I (bases 1 to 17)

S Sugita,Y. Hashida,R. Ogawa,K., Obayashi,M., Nagasu,T. and Artificial sequences.

AL Patent: WO 0233069-A 18 25-APR-2002;

GENOX RESERRET INC, JARAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, TOMOVUKI FUKASAWA,CHUHBI NOJIRI,NOBUO NATIONAL CHILDREN'S HOSPITAL, TOMOVUKI FUKASAWA,CHUHBI NOJIRI,NOBUO NATIONAL CHILDREN'S HOSPITAL, TOMOVUKI FUKASAWA,CHUHBI NOJIRI,NOBUO NATIONAL SAPR-2002

Artificial Sequence

PN WO 0233069-A/18

PD 25-APR-2001

PR 28-SEP-2001 WO 2001JP008574

PR 13-OCT-2000 JP 00P 314093

PR VALISUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
TANESHI NADASHI
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Description of Artificial Sequence:an artificially synthesized
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synthetic construct
synthetic construct
synthetic construct
artificial sequences.

1 (Dases 1 to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
Tsujimoto,G.
Method of examining allergic disease
Patent: WO 0250269-A 2 27-JUN-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TARAGI,AKINORI OTA YOSHIKO
GOZO TSUJIMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, TARESHI NAGASU,
GOZO TSUJIMOTO
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PI HIROHISA SP
PC C12N15/09,C
A61X39/395,C
CC C07K14/47,C
CC Description
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BD171177/c
LOCUS
                   RESULT 303
BD168111/c
LOCUS
                                                                       DEFINITION
ACCESSION
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GOIN33/50//C12P21/06, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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CI2N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC
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Method of examining allergic disease
BENOK RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MAGARAZU ADACHI, KAZUO MIYANAGA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
OS ARTISTICIAL SAITO
OS ARTISTICIAL SEQUENCE
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21-SEP-2001 WO 2001JPD08247
26-SEP-2000 JP 00P 293021
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA, PI
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Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T. and Saito, H.
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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CIGNI33/15,
PC GOLN33/15,
CC DESCRIPTION
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PAT 28-MAR-1994

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CODING DNA FRAGMENTS FOR POLYPEPTIDES CONTAINING AT LEAST ONE ANTIGENIC DETERMINANT OF THE PAPILLOMAVIRUS PARTICULARLY OF THE 1a HAV TYPE AND CORRESPONDING POLYPEPTIDES PATENT: WO 8130523-A 9 27-007-1983; Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
Kaufman, J.C., Roth, M.E., Lizardi, P.M., Feng, L. and Latimer, D.R.
Binary encoded aequence tags
Binary encoded 383754-A 5 07-MAY-2002;
Patent: US 633754-A 5 07-MAY-2002;
                                                                                                                                                                                                                                                                                          Nucleotide sequence 9 from patent number WO8303623. A14689.1 GI:513760
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Sequence 5 from patent US 6383754.
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OS Artificial Sequence
PN WO 0250269-A/2
PD 27-UNN-2002
PD 27-UNN-2002
PP 21-DEC-2000 UP 00P 389476
PI YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI TAKESHI NAGASU,
PC C12NIS/11, COTAIS/11, 
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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CI2N15/09,A61K31/00,A61K39/36,A61K45/00,C12Q1/68,C12N15/00 CC
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ON Pollinosis-associated gene.
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NAGAGU,T. 'Nagata'Y.' Kashiwabara,T.' Oshida,T.', Obayashi,M.',
Gunji,S.' Obayashi,I.' Imai,Y.' No,N. and Ogawa,K.'
Onlinosis-associated gene
Patent: JP 2000106879-A 2 18-APR-2000;
GENOX RESEARCH INC
ON ARTIFICIAL SEQUENCE
PATENTIAL SEQUENCE
PR 19-APR-2000
PR 18-APR-2000
PR 19-APR-2000
PR 19-APR-20
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Location/Qualifiers
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1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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    ^17
    ^2 synthetic construct"
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    ^db_xref="taxon:32630"

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CIZNI5/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10, PC
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UP 2000037190-A/10.
SM synthetic construct
SM synthetic construct
artificial sequences.
E 1 (bases 1 to 18)
Mammal-Gerived tissue specific physiologically active protein
L Patent: JP 2000037190-A 10 08-FEB-2000;
OS Artificial Sequence
PN UP 2000037190-A/10
PD 08-FEB-2000
PD 08-FEB-2000
PP 23-UUL-1998 UP 1996225228
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Mammal-derived tissue specific physiologically active protein.
E32450
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A method and an algorithm for mrna expression analysis
Patent: WO 0208461-A 18 31-JAN-2002;
Global Genomics AB (SE)
Location/Qualifiers
                                              Query Match 1.5%; Score 16; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 2.8e+02; Matches 16; Conservative 0; Mismatches 0; Indels
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/organism="syntheric construct"
/organism="genomic DNA"
/db_xref="taxon:32630"
/note="Double-stranded product DNA"
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 0;
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Sequence 18 from Patent WO0208461.
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   /note="Primer"
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Binary encoded sequence tags
Patent: WO 0112855-A 6 22-FEB-2001;
YALE UNIVERSITY (US)
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Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R.
Binary encoded sequence tags
Patent: US 633754_A 6 07-MAY-2002;
Location/Qualifiers
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Binary encoded sequence tags
Patent: WO 0112855-8 5 22-FEB-2001;
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Sequence 5 from Patent WO0112855.
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Sequence 6 from Patent WO0112855.
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AX08525/c
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C12N15/00,
                                                                                                                                 JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 19 08-FEB-2000;
JAPAN TOBACCO INC
OS Artificial Sequence
PN JP 2000037190-A/19
PD 08-FEB-2000
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 00717474 A 5 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/organism="synthetic construct"
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/note="Beschreibung der kunstlichen
Sequenz:Brkennungssystem"
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100.0%; Pred. No. 2.8e+02;
tive 0; Mismatches 0;
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Sequence 45 from Patent WO0071747.
AX048446
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Sequence 1 from Patent EP1186673.
AX394603
AX394603.1 GI:21065716
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C12N15/00,
                                                                                                                                                                                                                                                                                                                                                                        Synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)
Jun, N. Yusuke, N. and Toshihiro, T.
Jaran Toshico A 13 08-FEB-2000;
JAPAN TOSACCO INC
JAPAN TOSACCO INC
OS Artificial Sequence
PD 08-FEB-2000
PF 23-JUL-1998 UP 1998225228
PR JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
PC CI2NI5/09,COTKI4/47,COTKI6/18,CI2NI/21,CI2NS/10, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
CIZNIS/09, CO7K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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B32459
B32459.1 GI:13018695
DP 2000037190-A/19.
Synthetic construct
synthetic construct
artificial sequences.
1 (base 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
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Mammal-derived tissue specific physiologically active protein
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100.0%; Pred. No. 2.8e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
               1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2000037190-A/13.
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RESULT 314 E32459/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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PAT 18-MAY-2002
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N JP 1999196874-A/8

PN JP 1999196874-B/8

PD 27-JUL-1999

PF 14-JAN-1999 JP 1998005399

PR HIDEKI KAMIBARA, SENSHU UEMAISU

PC C12N15/09,C19/69,G01N27/447,C12N15/00,G01N27/26 CC

Strandedness: Single;

CC Topology: Linear;

FH Key

Location/Qualifiers

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/organism='Unidentified'.
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100.0%; Pred. No. 3.2e+02;
ive 0; Mismatches 0; Indels
                                                            1.5%; Score 16; DB 1; Length 21;
100.0%; Pred. No. 3.2e+02;
live 0; Mismatches 0; Indels
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/organism='Unidentified'
Location/Qualifiers
/db_xref="taxon:32630"
/note="probes to target sequences"
3 c 0 g 2 t
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lidaki,K. and Senshu,U.
Method for analyzing DNA fragment
Patent: UP 1999196874-A 8 27-JUL-1999;
Patent: UP DS9196874-A 8 27-JUL-1999;
Patent: UP 1999196874-A/8
PN JP 1999196874-A/8
PD 37-JUL-1999
PF 14-JAN-1999 JP 1998005399
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Calibration of molecular array data
Patent: EP 1186673-A 3 13-MAR-2002,
Agilent Technologies Inc (US)
Location/Qualifiers
1. .22
                                                                                                                                                                                                                                       21 bp Method for analyzing DNA fragment. E28097 G28097 G1:13018322 JP 199196874-A/8. unidentified
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 3 from Patent EP1186673.
AX394605
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Matches 16, Conservative
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Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
2 Kambara, H. and Uematsu, C.
2 NA fragment preparation method for gene expression profiling
Patent: US 620398B-A 8 20. MAR-2001;
Location/Qualifiers
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1.5%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="probes to target sequences"
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                                                                           Wobler, P.K. and Delenstarr, G.C. Calibration of molecular array data Patent: EP 1186673-A 1 13-MAR-2002; Agilent Technologies Inc (US)
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Sequence 8 from patent US 6203988.
AR142678.
AR142678.1 GI:15103964
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Sequence 2 from Patent EP1186673.
AX394604
AX394604.1 GI:21065717
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/organism="unknown"
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                 synthetic construct
synthetic construct
artificial sequences.
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AX394604
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AR142678/c
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Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

(bases 1 to 19)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
Unpublished (1996)
Original source text: Canis familiaris DNA.
Gene-specific universal mammalian sequence-tagged site for ELN.
Primer for the 5' end is in exon 32. Human product is 250 bp.
Canine product is 250 bp. PCR conditions: 1 min, 94 C, 2 min, 55 C, 3 min, 72 C, 25 cycles.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.4%; Score 15.8; DB 1; 1
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2;
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/note="PCR primer binding site"
/evidence=experimental
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db xref="taxon:9615"
1..19
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ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
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Sequence 43 from Patent WO9616175.
A51174
A51174.1 GI:2303945
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Sequence 43 from Patent EP0717110.
A76999
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1 (bases 1 to 20)
Beckmann, J. and Richard, I.
IGMD gene
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A76999/c
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A51174/c
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BESSION Gene panel for genes involving liver regeneration.

BESSION BD17877.

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GOT77222-A/115.

SYNTHETIC CONSTRUCT

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THORS SYNTHETIC CONSTRUCT

ATHIGIAL SEQUENCES.

THORS ADVARANAL.

TO CONTINUE TO 19)

THORS ADVARANAL.

TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA

OS ATTIFICIAL SEQUENCE

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PN 02077222-A/115

PN 02077222-A/115

PN 02077222-A/115

PN 13-MAR-2002 WO 2002JP002372

PR 13-MAR-2002 WO 2002JP002372

PR 13-MAR-2001 JP 01P 070940

PI FUMILIKO YOKOYA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, ICHIRO SONAKA

PR 13-MAR-2001 JP 01P 070940

PI FUMILIKO YOKOYA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HIRAO FUKUDA, TOWHENSA OKUTSU, MAIKO MORI, YOSHIYUKI PI FURNIT KEY

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STS; Elastin; PCR identification; PCR primer; sequence tagged site;
universal mammalian STS.
Canis familiaris (dog)
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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                                                                                                                                                 Length 22;
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1.4%; Score 15.8; DB 1; Length 1
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                             0; Indels
       DOGELNA
Canis familiaris Blastin (BLN) STS DNA, 5'
                                                                                                                                            1.5%; Score 16; DB 1; Le
100.0%; Pred. No. 3.3e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD178777/c
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DOGELNA/c
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PAT 20-APR-2002
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Schumm, J.W. and Bacher, J.W.
Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers
Patent: US 623863-A. 144 29-MAY-2001;
Location/Qualifiers
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Elghanian, R.
       Unknown.
Unknown.
Unclassified.
Un (bases 1 to 21)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 116 19-JAN-1999;
Location/Qualifiers
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1.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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Sequence 144 from patent US 6238863.
AR154094 GI:15122147
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Sequence 43 from patent US 6361944.
AR201966
AR201966.1 GI:20256505
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12 c 2 g
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/organism="unknown"
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Best Local Similarity 89.5
Matches 17; Conservative
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Unclassified.
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AR154094/c
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Location/Qualifiers
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1.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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unidentified
unclassified.
1 (bases 1 to 20)
Shimada K. and Namatame, Y.
INMOBILIZATION OF GENE
PATENT. JP 1997257798-A 12 03-OCT-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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SHIMDA KAZUNORI, NAMATAMB YASUKO
GOUN33/66,C12N15/09,C12Q1/68;
strandedness: Single;
topology: Linear;
hypothetical: No;
                                                                                                                                                                                                                                                                                                 DNA
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                        ASS FRANCAISE CONTRE LES MYOPA (FR)
LOCATION/Qualifiers
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| /organism="unidentified"
| /mol_type="genomic DNA"
| /db_xref="taxon:32644" | 3
                                                               | 1...20
|/organism="unidentified"
|/orl_type="genomic DNA"
|/db_xref="taxon:32644" |
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Beckmann, J. and Richard, I. LGMD GENE
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UP 1997257798-A/12
03-OCT-1997
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                                                                                                                                                                                                     394 GCACACACACCCTGCTCCA 412
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                                                                                                                                                            Local Similarity 89.5
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Matches 17,
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AR029927/C
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PAT 10-APR-2003
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therefor
                                                     Theres I to 22)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and Bigharian, R.
Bighanian, R.
Nanoparticles having oligonucleotides attached thereto and uses therefor
Patent: US 6417340-A 46 09-JUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown.
Unclassified.

1 (Dases Lto 22)

Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and
Bighanian,R.

Nanoparticles having oligonucleotides attached thereto and uses
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Blghanian, R.
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2;
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Location/Qualifiers
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Location/Qualifiers
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Sequence 43 from patent US 6495324.
AR266705.
AR266705.1 GI:29695775
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Sequence 46 from patent US 6495324.
AR266708
AR266708.1 GI:29695778
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/organism="unknown"
a 4 c 1 g
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1 4 c 1 g
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/organism="unknown"
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Unclassified.
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AR266708
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AR266705
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Unclassified.
1 (Dases 1 to 22)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and
Elghanian,R.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Blghan, R.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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/organism="unknown"
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Location/Qualifiers
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Sequence 46 from patent US 6417340.
AR218064.1 GI:23318469
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Sequence 43 from patent US 6417340.
AR218061. GI:23318466
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Sequence 46 from patent US 6361944.
AR201969.1 GI:20256508
   0; Mismatches
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    Matches 17; Conservative
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Unclassified.
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Wirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Blghanian, R., Taton, T.A. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses
therefor WO 015165-A 43 19-JUL-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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   AX196212 22 bp DNÀ
Sequence 43 from Patent WO0151665. •
AX196212 4
AX196212.1 GI:15386415
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Sequence 46 from Patent WO0151665.
AX196215 AX196215.1 GI:15386418
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Unclassified.
IE 1 (bases 1 to 22)

% Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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1AL Patent: US 6506564-A 43 14-JAN-2003;
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1 (bases 1 to 22)
Mixin.C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: US 650564-A 46 14-JAN-2003;
Location/Qualifiers
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1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
                               Query Match
1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Sequence 46 from patent US 6506564.
AR274385 AR274385.1 GI:29706831
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Sequence 43 from patent US 6506564.
AR274382.
AR274382.1 GI:29706828
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AR274385
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AR274382
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PAT 28-AUG-2001
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1.4%; Score 15.8; DB 1; Length 2;
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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a f c i g t t
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Sequence 43 from Patent WO0173123.
AX440113 GI:21664924
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AX440113
LOCUS
DEFINITION
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VERSION
KEYWORDS
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RESULT 336 AX196212

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PAT 16-JUL-2002
Elghanian, R., Taton, T.A., Park, S.J. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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89.5%; Pred. No. 3.6e+02;
.ive 0; Mismatches 2; Indels
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/note="random synthetic sequence"
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Organism="synthetic construct"

/mol type="genomic DNA"

/db xref="taxon:32630"

/note="random synthetic sequence"
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Nanosphere, Inc. (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
                                                    Parent: WO 0173123-A 73 04-OCT-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 43 from Patent WO021B643.
AX465299 AX465299.1 GI:21899662
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Sequence 46 from Patent WO0218643.
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                                                                     Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Park, S.J. and Li, Z. Nanoparticles having oligonucleotides attached thereto and uses
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1.4%; Score 15.8; DB 1; Length 22
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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89.5%; Pred. No. 3.6e+02;
tive 0; Mismatches 2; Indels
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Patent: WO 0173123-A 43 04-OCT-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 46 from Patent W00173123.
AX440116 1GI:21664927
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Sequence 73 from Patent W00173123.
AX440143. GI:21664954
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Location Location Qualifiers

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/note="random synthetic sequence"
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89.5%; Pred. No. 3.6e+02;
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Nanosphere, Inc. (US)
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Sequence 73 from Patent WO0246472.
AX556142
AX556142.1 GI:25899524
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Sequence 46 from Patent WO0246472.
AX556115
AX556115.1 GI:25899497
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Elghanian, R., Taton, T.A., Garimella, V., Li, Z. and Park, S.J.
Nanoparticles having oligonucleotides attached thereto and uses therefor
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              1. .22
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 73 from Patent WO0218643.
AX465329
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Sequence 43 from Patent WO0246472.
AX556112.1 GI:25899494
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1 (bases 1 to 22)

1 (bases 1 to 22)

2 Evalvkow, M. B., Proll.S., Paeper, B. and Staehling-Hampton, K. Methods for identifying genomic deletions

Patent: US 6475739-A 90 05-NOV-2002;
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Brunkow, M.E., Proll, S., Paeper, B. and Staehling-Hampton, K. Methods for identifying genomic deletions
Patent: US 6475739-A 94 05-NOV-2002;
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           Query Match 1.4%; Score 15.6; DB 1; Length 22; Best Local Similarity 81.8%; Pred. No. 3.8e+02; Matches 18; Conservative 0; Mismatches 4; Indels
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Sequence 90 from patent US 6475739.
AR242944.1 GI:27289606
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Sequence 90 from Patent WO0210455.
AX384996.1 GI:19578124
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/organism="unknown"
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Sequence 94 from patent US
AR242948
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Best Local Similarity 81.8
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Schumm, J.W. and Bacher, J.W.

Material and method for specifying and analyzing medium-size tandem repeat DNA marker

ND PACENTAL OSE 2002502606-A 144 29-JAN-2002;

PROMEGA CORP.

OS Unidentified

PN JP 2002502606-A/144

PD 29-JAN-2002

PF 04-PEB-1999 UP 2000530608

PR 04-PEB-1999 US 09/016584

PR 04-PEB-1999 US 09/016584

PR 04-PEB-1999 US 09/016584

PR 04-PEB-1999 US 09/016584

CC Strandedness: Single;

CC Topology: Linear;

CC Material and method for specifying and analyzing medium-size
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                                                                                                                                       BD130200 22 bp DNA linear PAT 18-SEP-2002 Material and method for specifying and analyzing medium-size tandem repeat DNA marker.
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Unclass 1 to 22)
Evans,GA. and Smith,M.W.
Bvans,GA. and Smith,M.W.
Method for generation of sequence sampled maps of complex genomes.
Patent: US 5851760-A 104 22-DEC-1998;
Location/Qualifiers
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Location/Qualifiers
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Pred. No. 3.6e+02;
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Sequence 104 from patent US 5851760.
AR066756.1 GI:5997978
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Similarity 89.5%; Pred. No. 3.6e
17; Conservative 0; Mismatches
0; Mismatches
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/organism="unidentified"
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/db_xref="taxon:32644"
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                              1076 CAACTATTAAAAAAAA 1094
                                                          4 CAACTCGTAAAAAAAA 22
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JP 2002502606-A/144.
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AR066756/c
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BD130200/c
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PAT 31-MAR-2003

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Shannon,M., Gu.Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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1.4%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1;
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Aeomica, Inc. (US)
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Sequence 5256 from Patent EP1281758.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9806"
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Homo sapiens
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Best Local Similarity 94.14
Matches 16; Conservative
   Aeomica, Inc. (US)
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AX692524/C
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Methods for identifying genomic deletions
Patent: Wo 0210455-A 94 07-FEB-2002;
Cellteck R & D. Inc. (US); Straehling-Hampton, Karen (US)
Location/Qualifiers
                                                             Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: Wo 0210455-A 90 07-FEB-2002;
Celltech R & D. Inc. (US); Straehling-Hampton, Karen (US)
Location/Qualifiers
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1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 81.8%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 4;
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                                                                                                                                                               /organism="synthetic construct"
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/note="PCR primer"
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Sequence 5255 from Patent EP1281758.
AX692523. GI:29415481
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Sequence 94 from Patent WO0210455.
AX385000
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E32457 18-JUN-2001 Mammal-derived tissue specific physiologically active protein. E32457
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CIZNI5/09, CO7K14/47, CO7K16/18, CIZNI/19, CIZNI/21, CIZNS/10, PC
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Synthetic construct
SM synthetic construct
SM synthetic construct
artificial sequences.

E 1 (bases 1 to 13)
Mammal-derived tissue specific physiologically active protein
L Patent: 7P 2000037190-A 17 08-FEB-2000;
DAPAN TOBACCO INC
OS Artificial Sequence
NO Artificial Sequence
PN UP 2000037190-A/17
PD PD 08-FEB-2000
PF 23-JUL-1998 JP 1998255228
                                       JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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94.1%; Pred. No. 3.5e+02;
tive 0; Mismatches 1;
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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94.1%; Pred. No. 3.5e+02;
tive 0; Mismatches 1;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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B32454

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Nammal-derived tissue specific physiologically active protein.
E32455.1 GI:13018691
JP 2000037190-A/15.
SM synthetic construct
synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 18)
SW ammal-derived tissue specific physiologically active protein
Parent: JP 200037190-A/15
NAPAN TOBACCO INC
OS Artificial Sequence
SW Artificial Sequence
OS Artificial Sequence
PREB-2000;
PREB-20007190-A/15
PREB-20007190-A/15
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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1.4%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
                       Length 17;
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                Score 15.4; DB 1;
Pred. No. 3.3e+02;
0; Mismatches 1;
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/organism="synthetic construct"
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/db_xref="taxon;32630"
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                1.4%;
Similarity 94.1%;
16; Conservative 0
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Detection system for separating constituents of a sample and production and use of the same
Patent: Wo 0071747A 34 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection of partly complementary nucleic acid fragment Patent: EP 1065278-A 5 03-JAN-2001;
FUJI PHOTO FILM CO., LID. (JP)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="genomic DNA"
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/nole="sample nucleic acid_fragment"
                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="beschreibung der kunstlichen
Sequenz:Erkennungssystem"
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Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1;
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Sequence 16 from Patent BP1177789.
AX361132
                                                 20 bp
Sequence 34 from Patent WO0071747.
AX048435
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Sequence 5 from Patent EP1065278.
AX136903
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AX361132
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                RESULT 361
AX048435/c
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AX136903/c
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                E32458 Ammal-derived tissue specific physiologically active protein.
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                                              Manual deliver classes precision processors, active processors, active processors, as 2458
B32458. I GI:13018694
UP 2000037190-A/18.
Synthetic construct
synthetic construct
artificial sequences.
I to lass I to la.
Jun,N., Yusuke,N. and Toshihiro,T.
Manual delived tissue specific physiologically active protein Datent: JP 2000037190-A 18 08-FEB-2000;
JAPAN TOBACCO INC
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Makino, Y., Abe, Y., Takagi, M., Takenaka, S., Yamashita, K. and
Ogawa, M.
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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/organism="synthetic construct"
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Sequence 5 from patent US 6399305.
AR211367
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JP 2000037190-A/18
08-FEB-2000
23-JUL-1998 JP 1998225228
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AR211367/c
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PD 30-JAN-2001
PP 15-JUL-1999 JF 1999201279
PR TSUYOSHI OGAMARA, MIKIO SUZUKI, KOICHI OZAKI
PC C12N15/09, C07K14/47, C12N1/15, C12N1/19, C12N1/21, PC
C12N5/10/A61X31/00,
PC A61X38/00, A61K48/00, C12P21/02, C12N15/00, C12N5/00, A61K37/02 CC
                                             PAT 20-DEC-2002
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                                                                                                                                                                 Unclassified.

1 (bases 1 to 21)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
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Location/Qualifiers
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94.1%; Pred. No. 4e+02;
tive 0; Mismatches 1;
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unclassified.
1 (bases 1 to 16)
Ogawara,T., Suzuki,M. and Ozaki,K.
TSA7005 gene
Patent: JP 2001025389-A 3 30-JAN-2001;
OTSUKA PHARMACEUT CO LTD
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Sequence 119 from patent US 6472154.
AR241831
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/organism="unidentified"
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/db_xref="taxon:32644"
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JP 2001025389-A/3.
unidentified
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Matches 16; Conservative
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TSA7005 gene.
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E52143/c
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PN JP 2002104964-A/16
PD 10-ARR-2002
PP 01-AUG-2000 JP 2001233070
PR 04-AUG-2000 BP 00116848.3
PI BEAT FLUEHVANN MANUEL HELM WILLI HUNZIKER, PETER WEBER PC
A61731/20, A23L1/30, A61731/16, A61731/201, A61731/215, A61P3/00, PC
A61P3/04, A61P3/10
PC Rat primary hepatocytes
FT Key Location/Qualifiers
FT source Location/Qualifiers
FT source Location (paganism='Rattus sp. (rat)'.
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                               Rattus sp.
Eukattus sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
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1.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                              Length 20;
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Use of phytanic acid for the treatment of diabetes.
BD144749
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Fluchmann,B., Helm,M., Hunziker,W. and Weber,P.
Fluchmann,B., Helm,M. the treatment of diabetes
Datent: JP 2002114964-A 16 10-APR-2002;
ROCHE VITAMINS AG
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Location/Qualifiers
                                                                                                                                  Fluehmann, B., Heim, M., Hunziker, W. and Weber, P.
Use of phytanic acid for the treatment of diabetes
Patent: EP 1177789-A 16 06-FEB-2002;
Roche Vitamins AG (CH)
Location/Qualifiers
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1.4%; Score 15.4; DB 1; Length 2
Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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/organism="Rattus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10118"
/ db_xref="taxon:10118"
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/organism="Rattus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10118"
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JP 2002104964-A/16.
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Rattus sp.
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PAT 12-JAN-2001
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Detection system for separating constituents of a sample and production and use of the same

Detection and use of the same

Aventis Research & Technologies GmbH & Co. XG (DE)

Location/Qualifiers

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Appears appear appear on the same of the sample and constituents

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                                                                                                                                                                                                                                                 Unknown.
Unclassified.
1 (bases 1 to 20)
1 (bases and Unateu, C.
Kambara, H. and Uematsu, C.
DNA fragment preparation method for gene expression profiling
Patent: US 6203988-A 7 20-MAR-2001;
Location/Qualifiers
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Best Local Similarity 85.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 4.1e+02;
ive 0; Mismatches 3; Indels
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Sequence 40 from Patent WO0071747.
AX048441.1 GI:12225605
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Sequence 35 from Patent WO0071747.
AX048436
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Sequence 7 from patent US 6203988.
AR142677
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synthetic construct
artificial sequences.
Query Match
Best Local Similarity 85.0
Matches 17; Conservative
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AX048436/c
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AX048441/c
                                                                                    RESULT 369
AR142677
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1 (bases 1 to 17)
Kozian, D. and Reuner, B.
Two-color differential display as a method for detecting regulated
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Kadota,M., Pujiwara,Y., Watanabe,R. and Ozaki,K.
LUNX gene and method for detecting micrometastasis of cancer
Patent: JP 20010/9772-A 3 27-MAR-2001;
OTSUKA PHARMACEUT CO LTD
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Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 1; Mismatches 0; Indels
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Patent: US 6342376-A 2 29-JAN-2002;
Location/Qualifiers
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Sequence 2 from patent US 6342376.
AR183909
AR183909.1 GI:20227878

    16. 16
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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AR183909/c
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E53842/c
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BD141108 A highly gensitive method for detecting nucleic acids.
BD141108 BD141108.1 GI:23236053
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Godowski, P.J., Gurney, A.L., Smith, V., Tumas, D., Wood, W.I., Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.K. Secreted and transmembrane polypeptides and nucleic acids encoding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Artificial Sequence
JP 2001321190-A/2413
50-007-2001
12-MMR-2001 JP 2001068285
BIICHI SOEDA
CLINIS/09,CIZNIS/09,CIZNIS/09,CIZNIS/586,
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Patent: JP 2001321190-A 2413 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA
Location/Qualifiers
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                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide probe"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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t
                                                                 Patent: WO 0078961-A 447 28-DEC-2000;
Genentech Inc. (US)
Location/Qualifiers
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A method of arraying genome clone.
BD090169.1 GI:22635779
JP 2001321190-A/2413.
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Eaton,D.L., Gao,W.Q., Pan,J., Botstein,D., Fong,S., Goddard,A.,
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                                                                 Boekenkamp,D., Hoppe,H.U. and Burgstaller,P.
Detection system for separating constituents of a sample and production and use of the same Patent: WO 0071141-A 40 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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85.0%; Pred. No. 4.1e+02;
tive 0; Mismatches 3; Indels
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/organise="synthetic construct"
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/note="Beschresbing der kunstlichen
Sequenz:Erkennungssytem"
1 c 2 g 14 t
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/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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PN JP 1999196874-A/7
PN JP 1999196874-A/7
PD 27-JUL-1999
PF 14-JAN-1999 JP 1998005399
PR HDERK KAMIBARA, SENSHU UEMATSU
PI CLO115/09, G12Q1/68, G01N27/447, C12N15/09, G01N27/26 CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source /organism='Unidentified'.
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1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 21)
Tait,0.F. and Brown,D.S.
Annexin derivative with endogenous chelation sites
Patent: US 6323313-A 10 27-NOV-2001;
Location/Qualifiers
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1.4%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 3;
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Pred. No. 4.3e+02;
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Hideki,K. and Senshu,U.
Method for analyzing DNA fragment
Parent: JP 1999196874-A 7 27-JUL-1999;
HITACHI LTD
OS Unidentified
PD 27-JUL-1999
PP 14-JAN-1999 JP 1998005399
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Method for analyzing DNA fragment.
E28096.1 GI:13018321
JP 1999196874-A/7.
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Sequence 10 from patent US 6323313.
AR266475.1 GI:28073919
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3 c 0 g 2
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1 (bases 1 to 20)

8 Mineno,J., Medyanto,E., Ishida,N., Takeya,T., Asada,K. and Kato,I.

8 Mineno,J., Medyanto,E., Ishida,N., Takeya,T., Asada,K. and Kato,I.

8 Mineno,J., Medyanto,E., Ishida,N., Takeya,T., Asada,K. and Kato,I.

8 Minghly sensitive method for detecting nucleic acids

8 Minghly sensitive method for detecting nucleic acids

8 TAKARA SHUZO CO LTD, UTNICHI MINENO, EDY METYANTO, NORTHIRO ISHIDA,

7 TAKARA SHUZO CO LTD, UTNICHI MINENO, EDY METYANTO, NORTHIRO ISHIDA,

7 TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO

8 Artificial Sequence
8 NO 0202814-A/18
8 D 10-JAN-2002
8 PR 05-JUL-2000 UPO 200 204177, 26-APR-2001 JP 01P 125603 PI

9 NINCHI MINENO, EDY MEIYANTO, NORTHIRO ISHIDA, TATSUO TAKEYA, PI

8 KIYOZO ASADA,

9 PI IKUNOSHIN KATO

9 C Gesigned oligonucleotide primer to amplify a portion of pl6

9 C G Gene Color Co
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Description of Artificial Sequence: Synthetic DNA
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Location/Qualifiers
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llarity 85.0%; Pred. No. 4.1e+02;
Conservative 0; Mismatches 3;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of arraying genome clone.
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BD176247. GI:29121953
WO 02072815-A/47.
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PAT 29-SEP-1999
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                                   Unknown.
Unclassified.
Unclassified.
Unclassified.
I (bases 1 to 15)
I treschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N., Nelson, J.S. and Schultz, R.G.
Synthons for synthesis of oligonuclectide N3-PS phosphoramidates
Patent: US 585933-A 3 12-JAN-1999;
Location/Qualifiers
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Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Synthons for synthesis of Oligonucleotide N3-P5 phosphoramidates
Patent: US 5859233-A 4 12-JAN-1999;
Location/Qualifiers
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Unknow...
Unknow...
Unclassified.

1 (bases 1 to 15)
Chatelain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in a tightly packed bed
tightly packed bed
Patent: US 5869643-A 10 09-FBB-1999;
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 10 from patent US 5869643.
AR034895 1 GI:5950500
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Sequence 4 from patent US
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Syngenta Participations AG (CH) ; Universitaet Zuerich (CH)
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Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 1; Mismatches 0;
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B5.0%; Pred. No. 4.3e+02;
rative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
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1 (bases 1 to 21)
Ling. V. and Dunussi-Joannopoulos, K.
GL50 nucleic acids and uses therefor
Patent: US 6521749-A 7 18-FEB-2003;
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Sequence 3 from patent US 5859233.
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Sequence 9 from Patent WO0206490.
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PAT 29-SEP-1999
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                   Unknown.
Unclassified.
Unclassified.
I (bases 1 to 15)
Hisschbein,B.L., Fearon,K.L., Gryaznov,S.M., McCurdy,S.N.,
Nelson,J.S. and Schulzz,R.G.
Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates
Patent: US 5824793-A 3 20-007-1998;
Location/Qualifiers
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1 (bases 1 to 15)
Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates
Patent: US 5824793-A 4 20-OCT-1998;
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Unclassified.
1 (hasss 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
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Patent: US 5837542-A 361 17-NOV-1998;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Matches 15; Conservative 0; Mismatches 0;
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Sequence 361 from patent US 5837542.
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AR056157.1 GI:5981734
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Sequence 4 from patent US 5824793.
AR049971.
AR049971.1 GI:5971963
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Unclassified.

1 (bases 1 to 15)
Chatclain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in fightly packed bed
Fightly packed bed
Patent: US 5869643-A 16 09-FEB-1999;
Location/Qualifiers
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Query Match 1.4%; Score 15; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 3.5e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 16 from patent US 5869643.
AR034898 1 GI:5950503
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Sequence 2 from patent US 5821354.
AR048768. GI:5971111
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Sequence 3 from patent US 5824793.
AR049970. GI:5971962
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1 (bases 1 to 15)

Dellinger,D.J., Dahm,S.C., Ilsley,D.D., Ach,R.A. and Troll,M.A. Hybridiazation assay signal enhancement

Hybridiazation assay signal enhancement

Patent: US 6103474-A 4 15-AUG-2000;

Location/Qualifiers
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(Lases 1 to 15)
Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Cligonucleotide repeat arrays
Patent: US 5981185-A 5 09-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 15)

Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. Oligonucleotide repeat arrays
Patent: US 5981185-A 9 09-NOV-1999;

Location/Qualifiers
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Sequence 9 from patent US 5981185.
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Sequence 4 from patent US 6103474.
AR105981. GI:12820046
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Unknown.
Unclassified.
I (bases 1 to 15)
Pecker, I., Vlodavsky, I. and Peinstein, E.
Polynuclectide encoding a polypeptide having heparanase activity and expression of same in transduced cells
Patent: US 5968822-A 5 19-OCT-1999;
Location/Qualifiers
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 362 17-NOV-1998;
Location/Qualifiers
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Sequence 362 from patent US 5837542.
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Sequence 5 from patent US 5968822.
AR080676 GI:10007406
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Sequence 5 from patent US 5981185.
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Declaration.

RS Buchardt.O., Egholm, M., Nielsen, P.E. and Berg, R.H.

RS Buchardt.O., Egholm, M., Nielsen, P.E. and Berg, R.H.

Use of nucleic acid analogues in diagnostics and analytical procedures

NAL Patent: US 6387163-A 20 19-MAR-2002;

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I bases 1 to 15)
Buchardt,O., Egholm,M., Nieleen,P.E. and Berg,R.H.
Use of nucleic acid analogues in diagnostics and analytical
             Wang,J.H.
Antiviral anticancer poly-substituted phenyl derivatized
Antiviral anticancer and methods for their use
Oligoribonucleotides and methods for their use
Patent: US 6291438-A 1 18-SEP-2001;
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Patent: US 6357163-A 19 19-MAR-2002;
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Sequence 20 from patent US 6357163.
AR200477.1 GI:20251365
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Sequence 19 from patent US 6357163.
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Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 362 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                             Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132667-A 361 17-OCT-2000;
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1 (Dases 1 to 15)
Grimb.S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Sequence 361 from patent US 6132967.
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Sequence 362 from patent US 6132967.
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AR113915/c LOCUS

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RESULT 396
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Coffea arabica mannanase
Patent: WO 0028046-A 18-MAY-2000;
NESTLE SA (CH); MARRACCINI PIERRE (FR); ROGERS JOHN (FR)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
systems using cationic polymer nanoparticles Patent: WO 9910527-A 6 04-MAR-1999, SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE) Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 0; Indels
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Detection system for separating constituents of production and use of the same Patent: Wo 00/1747-A 6 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (D
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/organism="synthetic construct"
/no1_type="genomic DNA"
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/note="OLIGONUCLEOTIDE DE SYNTHESE"
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/organism="synthetic construct"
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Sequence 4 from Patent WO0028046.
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Sequence 6 from Patent WO0071747.
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Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
MCClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same Patent: US 6495319-A 68 17-DEC-2002;
Location/Qualifiers
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1 (bases 1 to 15)

Rurz, M., Lohse, P. and Wagner, R.
Pepride acceptor ligation methods
Patent: US 6429300-A 21 06-AUG-2002;
Location/Qualifiers
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Sequence 21 from patent US 6429300.
AR222461.
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Sequence 68 from patent US 6495319.
AR266630
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Sequence 6 from Patent W09910527.
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Branched compound for use in nucleic acid detection and analysis
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LION Bioscience AG (DE); VBC Genomics GmbH
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Patent: WO 0146464-A 3 28-JUN-2001;
LION Bisscience AG (DE)
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Sequence 3 from Patent WO0146464.
AX180140 GI:15132181
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Sequence 4 from Patent EP1111068
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Branched compound for use in nucleic acid detection and analysis reactions
Patent: EP 1111068-A 3 27-UUN-2001;
LION Bioscience AG (DE); VBC Genomics GmbH (AI)
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Sequence 26 from Patent WO0125442.
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Sequence 3 from Patent EP1111068.
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Methods for detecting mutations
Patent: WO 02066675-A 3 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. (DE)
Location/Qualifiers
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/noTe="lys-Biotin"
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/db_xref="taxon:32630"
/note="lys-Digoxigenin"
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Sequence 336 from Patent EP1260586.
AX633197.1 GI:28468811
           15 bp
Sequence 1 from Patent WO02066675.
AX525141.
AX525141.1 GI:25170126
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20guence 3 from Patent W002066675.
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Cellular Kinases involved in cytomegalovirus infection and their
inhibition
Patent: BP 1201765-A 1 02-MAY-2002;
Axxima Pharmaceuticals Aktiengesellschaft (DE)
                                                                                                                                                                                                                                    Huber,M., Schmidt,W., Mueller,M. and Hiller,R.
Branched compound for use in nucleic acid detection and analysis
reactions
Patent: WO 0146464-A 4 28-JUN-2001;
LION Bioscience AG (DE)
Location/Qualifiers
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(becker, I., Vlodavsky, I. and Elena, F. Pelynucleotide encoding polypeptide having heparanase activity and expression of the polypeptide in induced cell extension of the PS 18-SEP-2001;

INSIGHT STRATEGY & MARKETING LTD, HADASIT MEDICAL RESEARCH SERVICES
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            Hammonds, T.R.
Method and polynukleotides for assaying the activity of a dna modifying enzyme paryme patent: WO 03008643-A 6 30-JAN-2003;
Patent: WO 03008643-A 6 30-JAN-2003;
Cancer Research Technology Limited (GB)
Location/Qualifiers
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/note="Polymuclectide 6"
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Sequence 476 from Patent EP1288296.
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                                  Stinchcomb, D.T., Dudycz, D.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Swedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 336 27-NOV-2002;
Patent: EP 1260586-A 336 27-NOV-2002;
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Sequence 6 from Patent W003008643.
AX696087
AX696087.1 GI:29419249
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PAT 27-APR-1998
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Tei,I., Nakada,K., Ito,T., Horiuchi,H., Ota,A., Takagi,M.,
Tsubura,H., Tanaka,H. and Ishiguro,Y.
STRIGNUCLEASE SPECIFIC TO STYLE AND DNA SEQUENCE CODING THEREFOR
PATENT: JP 1994335389-A 7 06-DEC-1994;
KAGOME CO LID
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OTA AKINORI,
PI TARAGI MASAMICHI, TSUBURA HIROKAZU, TANAKA HIROSHI, PI
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RS Tei,I., Minami,R. and Takagi,M.
S - RIBONUCLEASE GENE AND PROMOTER SEQUENCE
L Patent: JP 1997028381-A 8 04-FEB-1997,
TEI ITSTKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI
OG Artificial sequences
PN JP 1007077.
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Mismatches
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/organism="unidentified"
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/db_xref="taxon:32644"
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JP 1994335389-A/7
06-DEC-1994
27-MAY-1993 JP 1993126286
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strandedness: Single;
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JP 1997028381-A/8.
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S Montforte, J.A., Becker, C.H., Pollart, D.J. and Shaler, T.A.

Releasable nonvolatile mass-label molecules

Releasable nonvolatile mass-label molecules

L Patent: JP 2001524808-A 5 04-DEC-2001;

GENETRACE SYSTEMS INC

OS Artificial Sequence

PN JP 2001524808-A/5

PD 04-DEC-1090

PF 10-DEC-1090

FR 10-DEC-1090 US 60/033037, 16-MAY-1997 US 60/046719 PI

THOMAS A SHALER

PC C1201/68, G01N15/06, G01N33/53, G01N33/542, C12P19/34, C12M1/00, PC

B01D59/44,
            DESTRUCTION OF STATE 
                                                                                                                 PC AGIP43/00, CI2NS/10, AGIP9/10, AGIP1/00, AGIP29/00, AGIP35/00, PC AGIR43/00, CI2NS/10, CI2NS/24, CI2Q1/68, GOJN33/15, GOJN33/50// PC AGIX39/395, CI2NS/10, CI2NS/20, CI2NS/00, AGIX37/02, CI2NS/00 CC POlynucleotide encoding polypeptide having heparanase activity CC expression
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Description of Artificial Sequence: oligo dT15 primer FH
Location/Qualifiers
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Releasable nonvolatile mass-label molecules.
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100.0%; Pred. No. 3.5e+02;
ative 0; Mismatches 0;
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100.0%; Pred. No. 3.5e+02;
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/organism="synthetic construct"
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/organism="unidentified"
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JP 2001524808-A/5.
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Unclassified.
1 (bases 1 to 16)
1 (ktyavin, T.V., Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6426408-A 3 30-JUL-2002;
Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 16)
Kutyavin,I.V. Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 4 30-JUL-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0;
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1.4%; Score 15; DB 1; I
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0;
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Sequence 3 from patent US 6426408.
AR221693.1 GI:23328765
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Unclassified.
1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and oligomucleotide sequences containing
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Unclassified.
Unclassified.
1 (bases 1 to 15)
Cook,P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression patent: US 5614617-A 1 25-WAR-1997;
                                                                                                                                                                                                                                                                                                                                    Gaps
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PD 04-FEB-1997
PF 24-UL-1995 JP 1995187557
PI TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI PC C12N15/09, C07H21/04, C12N1/21//A01H1/00, C12N5/10, C12N9/22, PC C12R1:19)
CC Strandedness: Single;
CC topology: Linear;
CC topology: Linear;
CC hypothetical: No;
FH Key
FH Key
FH Source (organism='Artificial sequences'.)
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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Sequence 1 from patent US 5614617.
138641
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 6 from patent US 5576427.
129068
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Unclassified.
I (base 1 to 16)
I (base 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 8 30-JUL-2002,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 16)

Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.

Covalently linked oligonuclectide minor groove binder conjugates

Patent: US 6486308-A 3 26-NOV-2002;
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Sequence 3 from patent US 6486308.
AR257438
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Sequence 4 from patent US 6486308.
AR257439.1 GI:27307450
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Sequence 8 from patent US 6426408.
AR221698
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/organism="unknown"
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AR221698/c
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AR257439/c
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1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6426408-A 5 30-JUL-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown.
Unclassified.

1 (bases 1 to 16)

1 (bases 1) Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.

Covalently linked oligonucleotide minor groove binder conjugates

Patent: US 6426408-A 6 30-JUL-2002;

Location/Qualifiers
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Unclassified.
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1 (bases 1 to 16)
Covalently L.V., Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr.
Covalently linked objective minor groove binder conjugates
Patent: US 6426408-A 7 30-JUL-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0;
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   Sequence 5 from patent US 6426408.
AR221695
AR221695.1 GI:23328767
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PAT 20-DEC-2002

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Seguence 7 from patent US 6486308.
AR257442. GI:27307453
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AR257443/c
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AR25/442/c
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Unclassified.
1 (bases 1 to 16)
Kutyavin.I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6486308-A 5 26-NOV-2002;
Location/Qualifiers
Location/Qualifiers
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Unclassified.
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1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked obligonuclectide minor groove binder conjugates
Patent: US 6486308-A 6 26-NOV-2002;
Location/Qualifiers
J. (Grases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6486308-A 4 26-NOV-2002;
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Pred. No. 3.7e+02;
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Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 6 from patent US 6486308.
AR257441.1 GI:27307452
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20quence 5 from patent US 6486308.
AR257440.
AR257440.1 GI:27307451
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oliqonucleotide minor groove binder conjugates
Patent: US 6486308-A B 25-NOV-2002;
Location/Qualifiers
Unknown.
Unclassified.
1 (Danses 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligomuclectide minor groove binder conjugates
Patent: US 6486308-A 7 26-NOV-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown:
Unclassified.
1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vacular endothelial growth factor receptor
Patent: US 6346398-A 2549 12-PEB-2002;
                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                              1 others
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1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 2549 from patent US 6346398.
AR187061.1 GI:20233026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA
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PAT 20-DEC-2002
linear
DNA
Unknown.
    DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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SM Unknown.
Unclassified.

Unclassified.

SE 1 (bases 1 to 17)

RS Pavco.Pr., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

RS Pavco.Pr., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

RS Pavco.Pr., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

RS Assagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor related to levels of vascular endothelial growth factor receptor Joseph ö PAT 20-APR-2002 Gaps . 0 Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 15; Conservative 0; Mismatches 0; Indele linear AR187064 Sequence 2552 from patent US 6346398. 15 t Location/Qualifiers
1. .17
/organism="unknown"
1 a 1 c 0 g AR187064.1 GI:20233029 1084 AAAAAAAAAAAA 1098 17 AAAAAAAAAAAA 3 Unknown. RESULT 435
AR187064/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE source ORGANISM BASE COUNT REFERENCE AUTHORS TITLE BASE COUNT JOURNAL FEATURES FEATURES ò

Gaps ö Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 15; Conservative 0; Mismatches 0; Indels 1084 AAAAAAAAAAA 1098 15 AAAAAAAAAAAA 1

DP DP

AR241830 17 bp DNA Sequence 118 from patent US 6472154. AR241830. GI:27287642 RESULT 436
AR241830/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

linear PAT 20-DEC-2002

Unknown.
SM Unknown.
Unclassified.
JE (bases 1 to 17)
SS Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
SPOlymorphic repeats in human genes
Polymorphic repeats in human genes
AAL Patent: US 6472154-A 118 29-OCT-2002;
Location/Qualifiers REFERENCE AUTHORS TITLE JOURNAL FEATURES

Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 15; Conservative 0; Mismatches 0; Indels BASE COUNT

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Gaps

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RESULT 437 AR256849/c

ö Unknown...
Unknown...
Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

Muramatsu.T., Fujita,T., Kiyama,M., Irie,T. and Okano,K.

Preparation method of nucleic acid sample for rare expressed genes and analyzing method using the prepared nucleic acid samples thereby

Ratent: US 6485916-A 3 26-NOV-2002;

Patent: Us 6485916-A 3 26-NOV-2002;

I. oration/Qualifiers

1. .17

Arganism="unknown"

15 t PAT 10-APR-2003 Unknown.
Unclassified.
Unclassified.
I (bases 1 to 17)
MCGlelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Reduced complexity nucleic acid targets
Reduce Gaps .. 0 Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 15; Conservative 0; Mismatches 0; Indels Length 17; linear DNA AR266626 Sequence 64 from patent US 6495319. AR266626 AR266626.1 GI:29695690 1084 AAAAAAAAAAAA 1098 16 AAAAAAAAAAAA 2 Unknown. RESULT 438
AR266626/c
LOCUS
DEFINITION
ACCESSION VERSION KEYWORDS SOURCE ORGANISM source source REFERBNCE AUTHORS TITLE JOURNAL FEATURES BASE COUNT BASE COUNT REFERENCE AUTHORS TITLE JOURNAL FEATURES g ò

Gaps ; 0 Length 17; Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 15; Conservative 0; Mismatches 0; Indels

RESULT 439 BD011731/c g

PAT 02-AUG-2002 BD011/31.1 GI:22091920
W0 0065050-A/3.
Bytheric construct
syntheric construct
artificial sequences.
1 (bases 1 to 17)
Nagasu.T., Oshida,T., Obayashi,M.,
Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.
795, a novel gene related to pollen allergy
Patent: W0 0065050-A 3 02-NOV-2000;
GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA, linear 17 bp DNA 15 795, a novel gene related to pollen allergy. BD011731 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS

TITLE JOURNAL

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Query Match
1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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BD091744/C
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BD091743/c
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Synthetic construct
artificial sequences.

I (Dases 1 to 17)

Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,

Gunji, S., Obayashi, I. Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,

Takabashi, E. and Yokoi, A.

Takabashi, E. and Yokoi, A.

Pabarra wo 0065050-A 4 02-NOV-2000,

Patent: WO 0065050-A 4 02-NOV-2000,

TAKABASHI, MARSAYA OBAYASHI, SHIGEMICHI GUNJI IZUMI OBAYASHI,

YUKHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI

TAKABASHI, AKIRA YOKOI

OS Artificial Sequence

NO 0065050-A/4

PR 27-APR-1999 JP 99P 120494

PR ARESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,

PI NAKASHI ANGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,

PI NAKASHI OSHANA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC

CLINIY, 12, COTKL4/47, COTKL6/18, CI2Q1/68, GDIN33/50//A61K31/00, PC

AGIN37/00

CC Description of Artificial Sequence: Artificially Synthesized CC

Prime Construction of Artificial Sequence: Artificially Synthesized CC

Prime Construction of Artificial Sequence: Artificially Synthesized CC
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI,AKIRA YOKOI
OS ARTIficial Sequence
NN WO 0065050-A/3
PN WO 0065050-A/3
PN WO 0065050-B/3
PN WO WO 006905050
PN WO WO WOO 2000JP002734
PN WO WO 2000JP002734
PN WASHARAL 1999 JP 99P 120494
PN TAKESHI NAGASU, YUJI SUGITA, TOMKO KASHINABARA, TADAHIRO OSHIDA,
PN MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
PN WASHADA,
PN WA
                                                                                                                                                                                                                                                                                                                                                                                                                         Description of Artificial Sequence:Artificially Synthesized CC Primer Sequence
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100.0%; Pred. No. 3.9e+02;
iive 0; Mismatches 0; Indels
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795, a novel gene related to pollen allergy.
BD011732
BD011732 BD011732 GI:22091921
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1. 17

1. 07

/organism="synthetic construct"
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/db_tref="taxon:32630"
a 0 c 2 g 15 t
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630";
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Key
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Best Local Similarity 100.
Matches 15; Conservative
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BD011732/C
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VERSION
KEYWORDS
SOURCE
ORGANISM
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AUTHORS
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JOURNAL
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17 bp DNA linear PAT 27-AUG-2002
441, a novel gene related to pollen allergy.
NN BD091744
BD091744.1 GI:22637355
Synthetic construct
Synthetic construct
Synthetic construct
artificial sequences.
I (Bases It o. 17)
Rashiwabara, I., Oshida, I., Obayashi, M.,
Canji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.
441, a novel gene related to pollen allergy
Attent: WO 0073435-A, 4 07-DEC-2000,
GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PAT 27-AUG-2002
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                                                                                                                                        linear PAT 27-AUG-2002
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Length 17;
                                                                                                                                          17 bp DNA li
441, a novel gene related to pollen allergy.
BD091743
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Synthetic construct
synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 17)
Nagau, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, E. and Yokoi, A.
465, a novel gene related to pollen allergy
denox Research INC, Takashi NagaSu, YuJi SuGITA, TOMOKO KASHIWABARA,
GENOX RESEARCH INC, TAKASH NAGASU, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, RASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
TAKAHASHI, AKIRA YOKOI
OS Artificial Sequence
PN WO 0073439-A/4
PD 07-DEC-2000
PP 18-MAY-2000 WO 2000JP003191
PR 27-MAY-1999 JP 99P 148784
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI WASAYA OBAASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
NET YOSHIDA, NASAYI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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synthetic construct
artificial sequences.

1 (bases 1 to 17)

2 (bayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, S., Obayashi, J., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, S., Obayashi, J., Yoshida, N., Oshida, J., Oshida, J., Yoshida, J.,
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787, a novel gene related to pollen allergy.
BD091774
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465, a novel gene related to pollen allergy.
BD091752
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100.0%; Pred. No. 3.9e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" 15 t
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     Mismatches
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WO 0073440-A/3.
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        Conservative
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Best Local Similarity
Matches 15; Conserv
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        15;
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JOURNAL
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JOURNAL
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        Matches
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W 0 0073439-A/3.

SYNThetic construct

artificial sequences.

E 1 (bases t to 17)

RS Magasu.T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,

Takahashi,E. and Yokoi,A.

465, a novel gene related to pollen allergy

AL GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA,TOMOKO KASHIWABARA,

TARAHIRO CSHIDA, MASAYA OBAYASHI,SHIGEMICHI GINJI IZUMI OBAYASHI,

YUKIHO INAI,NEI YOSHIDA, KAORU OGAWA,KEIKO MATSUI,EIKI

TAKAHASHI,AKIRA YOKOI

OS Artificial Sequence

PN WO 0073439-A/3

PD 07-DEC-2000

PF 18-WAY-21099 UP 99P 148784

PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI NAGASU,YUJI SUGITA, TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI NAGARU OGAWA,KEIKO MATSUI,EIKI TAKAHASHI,AKIRA YOKOI PC

CIZNIS/12,CIZOI/68,A61P37/08,A61K39/36,A61K45/00 CC

CIZNIS/12,CIZOI/68,A61P37/08,A61K39/36,A61K45/00 CC

PH KAY
                                                                                                                                                                                                                                                                                KAORU OGAMA, KEIKO MATSUI
C12N15/10,C12Q1/68,G01N33/15,G01N33/50
Description of Artificial Sequence:Artificially Synthesized CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAT 27-AUG-2002
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                                                                                                                                           18-MĀY-2000 WO 2000JP003190
27-MAY-1999 JP 99P 148783
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
NEI YOSHIDA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI
OS ARLIficiala Sequence
PN WO 0073435-A/4
PD 07-DEC-2000
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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465, a novel gene related to pollen allergy.
BD091751
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity
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VERSION
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BD091751/c
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JOURNAL
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AUTHORS
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BD097335

BD097335

ION Method for examination for allergosis.

BD097335.1 GI:22642909

S W0 016529-A/6

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

I (bases I. to 17)

S Nagasu, T., Obayashi, I., Matsui, K. and Sait, H.

Myloha, Cor examination for allergosis

Batent: W0 016529-A of 07-SEP-2001

CENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, HIROMINSU NAKAUCHI, YUTAKA

FUJIKI, KAZUO FUKAWA, OSBANU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI

OBAYASHI, KEIKO MATSUI, HIROMINSA SAITO

S Artificial Sequence

PN W0 016529-A/6

DD 07-SEP-2001

PP 23-FEB-2001

PP 23-FEB-2001

PP 23-FEB-2001

PR 02-MAR-2000

PP 07-SEP-2001

PR 02-MAR-2000

PR 02-MAR-2000

PR 02-MAR-2001

PR 02-MAR
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synthetic construct
artificial sequences.

1 (bases 1 to 17)

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.
Method for examination for allergosis
Patent: WO 0165259-A 7 07-SEP-2001;
GENOX RESEARCH INC, JADAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NARAUCHI, YUTAKA
FUJIKI, KALON PURAWA, OSAMU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI
OSAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
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A61P37/08
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Location/Qualifiers

1. .17
/organism='Artificial Sequence'.
Location/Qualifiers
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100.0%; Pred. No. 3.9e+02;
.ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon;32630"
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Method for examination for allergosis.
BD097336
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WO 0165259-A/7.
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Best Local Similarity 100.0°
Matches 15; Conservative
                                               1084 AAAAAAAAAAAAA
                                                                                                          16 AAAAAAAAAAAAAA
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ORGANISM
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BD097335/c
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synthetic construct
artificial sequences.

1 (bases 1 to 17)

Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

Sunji,S., Obayashi,T., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,

Takahashi,E. and Yokoi,A.

187, a novel gene related to pollen allergy
Patent: w0 0073440.A 4 07-DEC-2000;

GENOX RESEARCH INC, TakESHI MAGASU,YUJI SUGITA,TOMOXO KASHIWABARA,

TADAHRSO OSHIDA, MASAYA OBAYASHI,SHIGEMICHI GINJI IZUMI OBAYASHI,

YUKIMO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,RIKI

TAKAHASHI,AKTRA YOKOI

OS Artificial Sequence
PN W0 0073440-A/4

DD 07-DEC-2000
PP 18-MAY-2000 W0 2000JP003192
PR 18-MAY-2000 W0 2000JP003192
PR 27-MAY-1999 JP 99P 148785
PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,

NET YOCHIDA
TADAHIRO OSHIDA, WASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI, AKIRA YOKOI
OS Artificial Sequence
PN WO 0073440-A/3
PD 07-DEC-2000
PP 10-DEC-2000
PP 27-MAY-1999 JP 99P 148785
PI AKASHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI NASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
PI NEI YOSHIDA,
PI KACRU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC
C12N15/12, C12Q1/68, C12N5/06, C07K14/415 CC Description of
Artificial Sequence: Artificially Synthesized CC Primer Sequence
PH KEY
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BN 0073440-A/4

PD 07-DEC-2000

PF 18-MAY-2000 WO 2000JP003192

PF 18-MAY-2000 WO 2000JP003192

PR 27-MAY-1999 JP 99P 148785

PI TAKESHI NAGAGU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA, PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, PI NEI YOSHIDA, PI KAOKU OGAWA, KERKO MATSUI, BIKI TAKAHASHI, AKIRA YOKOI PC C12N15/12, C12Q1/68, C12N5/08, C12N5/06, C07K14/415 CC Description of Artificial Sequence: Artificially Synthesized CC Primer Sequence

FH Key
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787, a novel gene related to pollen allergy.
BD091775
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100.0%; Pred. No. 3.9e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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WO 0073440-A/4.
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Best Local Similarity 100.
Matches 15, Conservative
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Matches
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BD091775/c
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Description of Artificial Sequence:an artificially synthesized
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G01N33/15,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GOZO TSUJIMOTO, EIKI TAKAHASHI
CI2N15/09, C12NS/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OS Artificial Sequence
N WO 0224903-A/4
PD 28-XAR-2002
PF 21-SEP-2001 WO 2001JP008246
PF 25-SEP-2000 JP 00P 291318
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOWOKO FUJISHIMA, PI
TAKESHI NAGASU
                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct
synthetic construct
synthetic construct
artificial sequences.

1 (Dases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoto,G. and Takahashi,E.
Method of examining allergic disease
Patent: WO 0224903-A 4 28-MAR-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA,RYOICHI HASHIDA,KAORU
OGAMA, COMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO,EIKI
                                                                                                   Gaps
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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                                                   1.4%; Score 15; DB 1; L 100.0%; Pred. No. 3.9e+02; tive 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                   BD142810 17 bp DNA Method of examining allergic disease. BD142810 GI:23237755
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Method of examining allergic disease.
BD143835 BD143835.1 GI:27849593
JP 2002095500-A/3.
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                                                   Query Match
Best Local Similarity 100.C
Matches 15; Conservative
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BD142810/c
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BD143835/c
       BASE COUNT
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BD142809.1 GI:23237754

WO 0224903-A/3.

Synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoco,G. and Takahash,L.

Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoco,G. and Takahash,L.

Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoco,G. and Takahash,L.

Fatalinos,G. and Takahash,L.

Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tskahash, Wo 0224903-A 3 28-MAR-2002,
GRAWA,TOMMA, CHILDRENY'S HOSPITAL, YUJI SUGITA,RYOICHI HASHIDA,KAORU
OGAWA,TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO,BIKI
TAKAHASHI

WO 0165259-A/7
07-SEP-2001
23-FEB-2000 JP 00P 61832
12-FEB-2000 JP 00P 61832
TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COLNS-7.12,
COLNS-7.12,
Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                                                           Description of Artificial Sequence: Artificially Synthesized CC
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                                                                                                                                GOIN33/53, C12Q1/68, C12N15/12, GOIN33/15, A01K67/027, A61K39/395, A61P37/08
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PR 25-SEP-2000 JP 00P 291318
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA,
TAKESHI NAGASU,
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Location/Qualifiers
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organism='Artificial Sequence'
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method of examining allergic disease.
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PC A01K6'
PC G01N3
PC G01N3
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BD142809/c
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T., Saito,H.
Sand Takahashi,E.
Method for examination of allergosis
Patent: WO 0233122-A 3 25-APR-2002,
GENOX RESERCETINC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, RINACO NAKAGAWA YUJI SUGITA,RYOICHI
HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
SAITO,EIKI TAKAHASHI
OS Artificial Sequence
PN WO 0233122-A/3
PD 25-APR-2002
PR 11-OCT-2001 WO 2001JP008937
PR 11-OCT-2001 WO 2001JB008937
PR 13-OCT-2000 UP 00P 314093
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
TAKEUHI NADASHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PI HIROHISA SAITO, BIKI TAKAHASHI
PC C12Q1/68, C12N15/09, G01N33/53, G01N33/50, C12Q1/02, A61K48/00, PC
A61K39/395,
PC A01K67/027//C07K16/18, C12N5/10
CC A0ERCTIPLION OF Artificial Sequence: an artificially synthesized
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                                                        Description of Artificial Sequence:an artificially synthesized
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   , C12N15/09, C12P21/02, PC C12Q1/02, C12N5/00, C12N5/00, C12N5/00, C12N5/00, C12N15/00, C12N15/00, C12N15/00
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" , e_
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Best Local Similarity 100.
Matches 15; Conservative
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BD167836/c
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JOURNAL
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                                                                                                                                                                                                                                                                                                  C12Q1/68, A01K67/027, A61K31/7088, A61K31/711, A61K45/00, A61P37/08, PC C07K14/47, PC C07K14/47, PC C07K14/47, PC C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/10 PC C12N15/09, C12P21/02, C12N15/09, C12N15/09, C12N15/00, C12N15/00, C12N15/00, C12N15/00, PC CC PSCRIPTION OF Artificial Sequence:an artificially synthesized
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synthetic construct
artificial sequences.

[ (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T. and
Tsujimoto, K.
Method of examining allergic disease
Patent: JP 202055500-A 4 02-APR-2002;
GENOX RESEARCH INC, THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
PY 202055500-A/4
PP 02-APR-2002
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synthetic construct
artificial sequences.

1 (Dases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
Tsujimoto,K.
Method of examining allergic disease
Patent: JP 2002095500-A 3 02-APR-2002;
GENOX PRESEARCH INC,THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
DY 2002095500-A/3
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YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
                                                                                                                                                                                                 02-APR-2002
25-SEP-2000 JP 2000291316
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
HII NAGASU,
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/organism='Artificial Sequence'.
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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PI KOZO TSUJI
PC
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   SOURCE
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JOURNAL
                                                                                                        TITLE
JOURNAL
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                                                       REFERENCE
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GENOK RESERRCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA YUJI SUGITA, KYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, HIROHISA SAITO
OS ARLIficial Sequence
PN W 0.0226962-A/7
PD 04-AFR-2002
PP 21-SEP-2001 WO 2001JP008247
PR 26-SEP-2001 WO 2001JP008247
PR 26-SEP-2000 JP 00P 293021
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI TAKESHI NAGASU,
PI HIROHISA SAITO
PC C12N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC C12N15/09,C12N3/15,C12P21/08,C12N21/08,C12N3/15,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21/08,C12N21
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Datent: WO 0226962-A 8 04-APR-2002;

Datent: WO 0226962-A 8 04-APR-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOWOKO FUJISHIMA, TAKESHI
NAGASU, HIROHISA SAITO
OS ALTIficial Sequence
PN WO 0226962-A/8
PD 04-APR-2002
PR 21-SEP-2001 WO 2001JP008247
PR 25-SEP-2000 WO 2001JP00847
PR 26-SEP-2000 HO 2001JP00847
PR 26-SEP-2000 HO 2001JP00847
PR 26-SEP-2000 HO SUJISHIMA, PI
TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                 GOIN33/15,
GOIN33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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G01N33/50//C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)
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CI2N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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0226962-A 7 04-APR-2002;
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WO 0226962-A/8.
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Best Local Similarity 100.
Matches 15; Conservative
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ACCESSION
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BD167909/c
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Description of Artificial Sequence:an artificially synthesized
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Patent: WO 0233122-A 4 25-APR-2002;
Patent: WO 0233122-A 4 25-APR-2002;
Patent: WO 0233122-A 4 25-APR-2002;
PATIONAL CHILDERN'S HOSPITAL, RINAKO NAKAGAMA YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAMA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO,EXIT TAKAHASHI
OS Artificial Sequence
PN WO 0233122-A/4
PD 25-APR-2002
PN 10-CT-2001 WO 2001JP008937
PR 13-CCT-2010 JP 00P 314093
PI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
                                                                                                                                                                                                                                                                   BD167837.1 GI:27873649
WO 0233122-A/4.
WO 0233122-A/4.
Synthetic construct
artificial sequences.
1 (bases I to 17)
Sugite, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., Saito, H.
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C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Artificial Sequence
W0 023122-A/4
25-ABR-2002
11-OCT-2001 W0 2001JP008937
113-OCT-2000 JP 00P 314093
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, WASAYA OBAYASHI,
SHI NAGASU,
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Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T. and
Saito,H.
Method of examining allergic disease
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method for examination of allergosis.
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Method of examining allergic |
BD167908
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BD167908/C
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DEFINITION
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BD167837/c
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IT bp DNA linear PAT 17-JAN-2003

Wethod for examination for allergosis.

DN BD168113.

S WO 0233069-A/20.

ACTILIDREN'S HOSPITAL, TOMOYUKI FUKASAMA, CHUHEI NOJIRI, NOBUO NATSUHASHI, KOJI NISHIZAMA, YUJU SUGITA, RADIA, KAORU SUJISHI, NOBUO NATSUHASHI, KOJI NISHIZAMA, YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAMA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO,

ALTICOLIA SEGUENCE

BL 28-SEP-2001 WO 2001JP008574

PR 13-OCT-2000 JP 00P 314093

PI VUJI SUGITA, RYOICHI HASHIDA, KAORU OGAMA, MASAYA OBAYASHI, PI TAKESHI NAGASU,

PI WANGANI, SAITO

PI WHIOHISA SAITO

PI HIROHISA SAITO

PI HIROHISA SAITO

C COTK14/47, COTK16/18//C12P21/02, C12P21/08

C DESCRIPTION OF ARTIFICIAL SEQUENCE: an artificially synthesized
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synthetic construct
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artificial sequences.
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Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
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    17 / Organism='Artificial Sequence'.

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1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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ACCESSION
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ORGANISM
                                                      RESULT 458
BD168113/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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BD171178/c
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Method for examination for allergosis
Patent: WO 0233069-A 19 25-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
MATIONAL GHILDREN'S HOSPITAL, TOWOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO
NATIONAL GHILDREN'S HOSPITAL, TOWOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO
CAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0233069-A/19
PP 23-APR-2002
PP 28-EB-2001 WO 2001JP008574
PR 13-COT-2000
PP 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
TAKESHI NAGASU,
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Description of Artificial Sequence:an artificially synthesized
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Description of Artificial Sequence: an artificially synthesized
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CIZNIS/09,CIZNIS/63,CI2QI/68,CI2QI/02,G01N33/53,CIZNS/10, PC
                                                                                                                                                                                                                                                                                           Gaps
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WO 0233069-A/19.
synthetic construct
synthetial sequences.
1 (bases 1 to 17)
systim,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
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/organism='Artificial Sequence'
Location/Qualifiers
                                                                     Location/Qualifiers
1. .17
/organism='Artificial Sequence'
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 0 c 2 g 15 t
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                                                                                                                       Location/Qualifiers
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Matches 15; Conservative
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PC C12N15
A61K39/395,
PC C07K14
CC Descri
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BD168112/C
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                             OGS Artificial Sequence
PN WO 0250269-A/3
PD 27-UND-2002
PF 21-DEC-2001 WO 2001UPD011286
PR 21-DEC-2000 JP 00P 389476
PI YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI TARBEHI NAGASU,
PI GOZO TSUJIMOTO
PC CI2NIS/III, COTKIE/18, A61K67/027, A61K31/711, A61K45/00, A61K48/00, PC C1201/68, GOIN33/50
CC Description of Artificial Sequence: 'GT15C', an artificially synhesized
CC Drimer sequence Location/Qualifiers
FH Key Location/Qualifiers
FT Source 'Organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method of examining allergic disease
Patent: WO 025069-A 4 27-JUN-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
MATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI,AKINORI OTA YOSHIKO
MATSUMOTO, YUXIHO IMAI,TADAHIRO OSHIDA,YUJI ŞUGITA, TAKESHI NAGASU,
GOZO TSUJIMOTO
OS ATLIFICIAL SEQUENCE
PN WO 0250269-A/4
PD 27-JUN-2002
PR 21-DEC-2001 WO 2001JP011286
PR 21-DEC-2001 JP 0.0P 386476
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C12N15/11,C07K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00,
A61P37/08,
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Artificial Sequence
WO 0250269-A/4
27-JUW-2001 WO 2001JP011286
21-DEC-2000 JP 00P 389476
YOSHIKO MATSUMOTO, YUKIHO INAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, TAKESHI NAGASU,
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Description of Artificial Sequence:'GT15G', an artificially
synthesized
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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/ forganism="gynthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:12630"
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BD171179/C
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                                                                                                                                                                                                                                                                                   Up 20001088/9-43.

Synthetic construct
artificial sequences.
E 1 (bases 1 to 17)
S Nagsau,T., Yugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Gunji,S., Obayashi,I., Imai,Y., No,N. and Ogawa,K.
Pollinosis-associated gene
Patent: JP 2000106879-A 3 18-APR-2000;
GENOX RESEARCH INC
OS Artificial Sequence
PN JP 2000106879-A/3
PD 18-APR-2000
PP 06-OCT-1998 JP 1998284610
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17 bp DNA linear PAT 31-JAN E34260
E34260.1 GI:18624265
GP 2000106879-A/4.
Synthetic construct synthetic construct artificial sequences.
1 (bases 1 to 17).
Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M., Gunji, S., Obayashi, I., Imai, Y., No, N. and Ogawa, K.
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 Length 17;
Query Match
1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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1. .17
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/db_xref="taxon:32630"
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E34259
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JP 2000106879-A/3.
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E34259/c
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/organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"

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E32452

IN Mammal-derived tissue specific physiologically active protein.

E32452.

E32452.1 GI:13018688

E32452.1 GI:13018688

F32452.1 GI:13018688

Synthetic construct

ESYNTHETIC construct

ESYNTHETIC construct

ANTHATIC co
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Nammal-derived tissue specific physiologically active protein.

Na B32451.

B32451.1 GI:13018687

S 200037190-A/11.

S synthetic construct

AL (base 1 to 18)

AL (base 1 to 18)

Nammal-derived tissue specific physiologically active protein

AL patent: JP 200037190-A 11 08-FEB-2000;

JAPAN TOBACCO INC

OS Artificial Sequence

PN JP 2000037190-A 11

PD 08-FEB-2000

PP 23-JUL-1998 JP 1998225228
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JUN NISHIU,YUSUKE NAKAMURA,TOSHIHIRO TANAKA
CIZNI5/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10, PC
                                                                                                                                                      Gaps
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                                                                         Query Match 1.4%; Score 15; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 0; Mismatches 0; Indels
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2000037190-A/12
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Best Local Similarity 100.0%
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                        TAKESHI NACASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, NING NO, KAORU OGAWA CI2NIS/00, A61K31/00, A61K39/36, A61K45/00, C12Q1/68, C12NI5/00 CC
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/organism='Artificial Sequence'
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630",
Pollinosis-associated gene
Patent: UP 2000106879-A 4 18-APR-2000;
GENOX RESEARCH INC
OS Artificial Sequence
PN JF 2000106879-A/4
PD 18-APR-2000
PR 06-OCT-1998 JP 1998284610
PR TAKESHI NAGASU, YUJI SUGITA, TOWOKO KZ
PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZI
PI NING NO,
PI KADRU GGAWA
PC C12N15/09, A61K31/00, A61K39/36, A61K48
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Strandedness: Single;
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/organism="unidentified"
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KAZUNORI OKANO
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E59657/c
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                                18 bp DNA linear PAT 18-JUN-2001
Mammal-derived tissue specific physiologically active protein.
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C12P21/02,C12P21/08//(C12N5/10,C12R1:91),(C12P21/08,C12R1:91),
PC C12P21/02,C12P21/08//(C12N5/00,C12R1:91),(C12P21/08,C12R1:91),
PC C12N15/00,C12N15/00,(C12N5/00,C12R1:91)
CC CT CT Key Location/Qualifiers
FT primer_bind (1), (18).
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
                                                                                                                            Or 200007.7.2.

Synthetic construct
artificial sequences.

artificial sequences.

Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein
DAPAN TOBACCO INC.
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Kambara, H. and Okano, K.
Na sequencing method and DNA sample preparation method
Patent: US 598556-A 5 16-NOV-1999;
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100.0%; Pred. No. 4e+02;
iive 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.4e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/ml_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 5 from patent US 5985556.
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Location/Qualifiers
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JP 2000037190-A/21
08-FEB-2000
23-JUL-1998 JP 199822528
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AR086111.1 GI:10012877
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E32461.1 GI:13018697
JP 2000037190-A/21.
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Best Local Similarity
Matches 15; Conserv
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Mammal-derived tissue specific physiologically active protein.
E32460
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C12N15/00,
C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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PP 08-FEB-2000
PP 23-JUL-1998 JP 1998225228
PR 23-JUL-1998 JP 1998225228
PR JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
PC C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
C12N15/02,
PC C12P21/08//(C12N5/10, C12R1:91), (C12P21/08, C12R1:91), PC
C12N15/00, C12N15/00, (C12N5/00, C12R1:91)
PC C12N5/00, C12N15/00, (C12N5/00, C12R1:91)
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E32460.1

E32460.1

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

E 1 (bases 1 to 18)

S Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein

L Patent: 19 2000037190-A 20 08-FEB-2000;

Artificial Sequence

S Artificial Sequence

NO S Artificial Sequence

PN JP 2000037190-A/20

PP 23-JUL-1998 JP 199825228

PR C12N15/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10, PC

C12N15/02,C12P21/08/(C12N5/10,C12R1:91)

PC C12N15/00,

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC TYNIS/00,C12N15/00,(C12N5/10,C12R1:91)

PC TYNIS/00,C12N15/00,(C12N5/10,C12R1:91)
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100,0%; Pred: No. 46+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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primer_bind (1) . (18).
    Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Matches 15; Conserv
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PAT 12-JAN-2001
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747-A 31 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071/47-A 32 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/note="beschreibung der kunstlichen
Sequenz:Erkennungssystem"
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/mol_type="genomic DNA"
/db xref="taxon:32630"
/note="Beschreibung der kunstlichen
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Sequence 32 from Patent WO0071747.
AX048433.1 GI:12225597
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Squence 31 from Patent WO0071747.
AX048432 AX048432.1 GI:12225596
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 007147-A 30 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Kim,J.-S.
Functional aquarium water and a preparation method thereof
Patent: US 6528662-A 6 04-MAR-2003;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
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tive 0; Mismatches 0;
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Aizawa,A., Kawakami,A. and Kondo,T.
Testie-specific gene
Patent: US 6555670-A 4 29-APR-2003;
Location/Qualifiers
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Sequence 30 from Patent WO0071747.
AX048431
AX048431.1 GI:12225595
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Sequence 4 from patent US 6555670.
AR309844.
AR309844.1 GI:31701953
                                 AR283490 20 bp
Sequence 6 from patent US 6528062.
AR283490
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AX048431/c
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0707147-A 39 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
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Sequence 41 from Patent WO0071747.
AX048442
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Sequence 39 from Patent WO0071747.
AX048440
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AX048440/c
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AX048442/c
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Detection system for separating constituents of a sample and production and use of the same
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production and use of the same
Patent: WO 0071747-A 36 30-NOV-2000,
Avent:s Research & Technologies GmbH & Co. KG (DE)

Location/Qualifiers

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Sequenz:Erkennungssystem"

Sequenz:Erkennungssystem"
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Detection system for separating constituents of a sample and production and use of the sam
Patent: WO 0071447-A 33 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
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Sequenz:Erkennungsssystem"
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Sequence 36 from Patent W00071747.
AX048437
AX048437.1 GI:12225601
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Sequence 33 from Patent WO0071747.
AX048434 AX048434.1 GI:12225598
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AX048437/c
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 8649 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
                                                                                                                                         Boekenkamp,D., Hoppe,H.U. and Burgstaller,P.
Detection system for separating constituents of a production and use of the same patent: WO 0071747-A 44 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
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1.4%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
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Sequence 44 from Patent WO0071747.
AX048445
AX048445.1 GI:12225609
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Sequence 4 from Patent EP1195382.
AX404077 AX404077.1 GI:21437393
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Matches 15; Conservative
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AX296887/c
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071/41-A 42 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection system for separating constituents of a sample and production and use f the same
Patent: WO 0071749-A 43 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/organism="synthetic construct"
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Sequenz:Erkennungssystem"
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/organism="synthetic construct"
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/note="Beschreibung der kunstlichen
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Squence 42 from Patent WO0071747.
AX048443 GI:12225607
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Sequence 43 from Patent WO0071747.
AX04844 AX04844. GI:12225608
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AX048445/c
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SOURCE ORGANISM

AUTHORS TITLE

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PAT 26-SEP-2002
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Mol. eype="ganomic DNA"
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100.0%; Pred. No. 4.4e+02;
tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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JP 1997140400-A/3
JP 1997140400-A/3
J3-JUN-1997
J3-SEP-1996 JP 1996242929
J8-SEP-1995 JP 95P 238141
CI201/68/GOIN77/447/GOIN33/58//CI2N15/09;
Strandednese: Single;
AKIRA AIZAWA, AKIKO KAWAKAMI, TOSHIHIKO KONDO C12N15/09, C07K14/47, C12N15/00 Novel testis-specific gene Location/Qualifiers Key
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DETERMINATION OF BASE SEQUENCE
PATENT: JP 1997140400-A 3 03-JUN-1997;
HITACHI LTD
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644" 15
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Sequence 3 from Patent WO0218951.
AX498247
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Key
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E13189
E13189.1 GI:3251994
UP 1997140400-A/3.
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Matches 15; Conservative
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AX498247
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                         Aizawa,A., Kawakami,A. and Kondo,T.
Testis-specific gene
Patent: EP 1195382-A 4 10-APR-2002;
Livestock Improvement Association of Japan, Inc. (JP) ; President
of Gunma University (JP)
Location/Qualifiers
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Methods employing fluorescence quenching by metal surfaces
Patent: WO 021951-A 2 07-MAR-2002;
THE ROCKEFELLER UNIVERSITY (US)
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synthetic construct
artificial sequences.

1 (bases 1 to 20)
Aizawa,A., Kawakami,A. and Kondo,T.
Novel testis-specific gene
Novel testis-specific gene
RACHIKU KAIRYO JIGYODAN, PRESIDENT OF GUNMA UNIVERSITY
OS Artificial Sequence
PN UP 2002112777-A3
PD 16-APR-2002
PP 03-OCT-2000 JP 2000303994
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1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0;
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Sequence 2 from Patent WO0218951
AX498346
AX498246.1 GI:23343165
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JP 2002112777-A/3.
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BD143136/c
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AX498246
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PAT 29-SEP-1999
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THE CLEVELAND CLINIC FOUNDATION (US)
Location/Qualifiers
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88.9%; Pred. No. 4.5e+02;
tive 0; Mismatches 2;
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88.9%; Pred. No. 4.5e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Heisler,L.M., Fors,L. and Brow,M.Ann.D. Rapid detection of mutations in the p53 Patent: US 5843654-A 63 01-DEC-1998;
Location/Qualifiers
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/db_xref="taxon:32630"
/note="based on Homo sapiens"
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Sequence 63 from patent US 5843654.
AR061750. GI:5989441
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AX451382
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Matches 16; Conservative
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Patent: Wo 0226968 A 30 04-APR-2002;
University of Ottawa (CA) ; Aegera Therapeutics Inc. (CA)
Location/Qualifiers
                                                                                     Dubertret, B., Calame, M. and Libchaber, A.
Methods employing fluorescence quenching by metal surfaces
Patent: WC 0218951-A 3 07-MAR-2002;
THE ROCKERELES UNIVERSITY (US)
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 7402 25-MAR-2003;
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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88.9%; Pred. No. 4.4e+02;
tive 0; Mismatches 2;

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    organism="synthetic construct"
/mol_type="genomic DKR"
/db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"

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Sequence 7402 from patent US 6537751.
AR295667
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Sequence 30 from Patent W00226968.
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38.9%; Pred. No. 4.7e+02;
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Smith, K.D.
Adrenoleukodystrophy treatments
Patent: US 6458838-A 6 01-0CT-2002;
Location/Qualifiers
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Smith, K.D.
Adrenoleukodystrophy treatments
Patent: US 6458838-A 8 01-OCT-2002;
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Sequence 6 from patent US 6458838.
AR234690 GI:27277468
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Sequence 8 from patent US 6458838.
AR234692. GI:27277470
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AX074216/c 20 bp
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DEFINITION Sequence 9 from Patent WO0104271.
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1 (bases 1 to 20)
Kaiser,M.W., Lyamichev,V.I. and Lyamichev,N.
Kaiser,M.W., Lyamichev, Coleavage of nucleic acid acid using thermostable methoanococcus jannaschii FEN-1 endonucleases
jannaschii FEN-1 endonucleases
patent: US 5843669-A 63 01-DEC-1998;
Patent: US 5843669-A 63 01-DEC-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Wallace,R.Bruce.
Method of detecting and discriminating between nucleic acid
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Unknown.
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Unclassified.
I bases I to 20)
I row,M.Ann.D., I Lyamichev,V.I. and Olive,D.Michael.
Rapid detection and identification of pathogens
Rapid Getection and identification of Location/Qualifiers
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1.3%; Score 14.8; DB 1; Length 2
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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Sequence 63 from patent US 6372424.
AR206225 AR206225.1 GI:21504764
                         20 bp
Sequence 63 from patent US 5843669.
AR061991.1 GI:5989682
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Location/Qualifiers
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Sequence 1 from patent US 5981176.
AR084388.1 GI:10011159
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AR084388
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Method and diagnostic kit for the molecular diagnosis of
pharmacologically relevant genes
Patent: WO 03018837-A 143 06-MAR-2003;
Adnagen AG (DE)
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                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                        Unknown.

Muknown.
Unclassified.

E 1 (bases 1 to 21)

K Minion, F Chris. and Hsu, T.

Recombinant mycoplasma hyopneumoniae vaccine
Recombinant mycoplasma hyopneumoniae vaccine
Location/Qualifiers

Location/Qualifiers
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|/organism="synthetic construct"
|/mol_type="genomic DNA"
|/db_xref="reaxon:32630"
|/noTe="Oligonukleotid"
|4 a 1 c 1 g 5 t
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                                                                                                                                                                  DNA
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Sequence 35 from Patent WO0173002.
AX262644 GI:16511443
                                                                                                                                                                AR136776 21 bp
Sequence 9 from patent US 6162435.
AR136776 GI:14478026
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  1050 CICAGIGICGAATTAAAG 1067
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                                             CTCAGTTTCGAATCAAAG 18
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synthetic construct
artificial sequences.
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AX262644
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AR136776
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E03602.1 GI:2171817

P1992144682-A/2.

Synthetic construct

synthetic construct

artificial sequences.

E1 (bases 1 to 20)

SW T-PA ANALOG

AL SPECTION PRANACOUT. Sudo, Y. and Agui, H.

NEW T-PA ANALOG

AL SUMITOWO PRANACOUT CO LTD

OS Artificial genence; Genes.

PO 1992144682-A/2

PD 19-MAY-1992

PD 05-OCT-1990 UP 1990268816

PF 05-OCT-1990 UP 1990268816

CC strandedness: Single;

CC strandedn
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/organism="synthetic construct"
/mol_type="genonic DNA"
/db_xref="taxon:32630"
/note="Sequence flanking GMLSF insert with gene end"
a 4 c 8 g 3 t
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                                                                                                                                                             Collins, P.L., Bukreyev, A., Murphy, B.R. and Whitehead, S.S. Respiratory syncytial viruses expressing immune modulatory molecules
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1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
4 c 4 g 5 t
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  AX074216
AX074216.1 GI:12710419
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                                                                      synthetic construct
synthetic construct
artificial sequences.
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E03602
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DEFINITION
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Gaps

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Indels

Length 17;

PAT 26-OCT-2001

linear

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Eukaryota; Metazoa, Chordata; Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173100+43 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 40 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.3%; Score 14.4; DB 1;
93.8%; Pred. No. 4.8e+02;
tive 0; Mismatches 1;
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93.8%; Pred. No. 4.8e+02;
ive 0; Mismatches 1;
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stranded oligonucleotides
Patent: WO 0173002-A 39 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 40 from Patent WO0173002.
AX262649

    17 Jorganism="Homo sapiens"
/mol_type="genomic DNA"

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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 93.8
Matches 15; Conservative
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Matches 15; Conserv
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AX262652
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AUTHORS
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                  Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclecifides
Patent: WO 0173002A 36 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
                                                                             Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 35 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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ilarity 93.8%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 1;
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93.8%; Pred. No. 4.8e+02;
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Sequence 39 from Patent WO0173002.
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/db_xref="taxon:9606"
                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
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Length 17;

PAT 26-OCT-2001

linear

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Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: Wo 0162911-A 389 30-AUG-2001;

RIBOZYME PHARMACHITCALS, INC. (US); GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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1.3%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1;
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AX272820
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/corganism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
i a 9 c 4 g 0
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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136 CTGCTTTGGGGGCTGC 151
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17 CTGCTGTGGGGGCTGC 2
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Homo sapiens
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AX692528/c
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ellis, J.H.

Method and reagent for the inhibition of grid

Patent: WO 0165911-A 388 30-AUG-2001;

PRIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002_A 4 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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llarity 93.8%; Pred. No. 4.8e+02;
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93.8%; Pred. No. 4.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
4 a 8 c 2 g 3
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Sequence 44 from Patent WO0173002.
AX262653
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/mol_type="mRNA"
/db_xref="taxon:9606"
8 c 4 g C
     /db_xref="taxon:9606"
. 2 c 8 g
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Homo sapiens
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Homo sapiens
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Matches 15; Conservative
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AX262653/c
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                    Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof was medicaments and the use batent: Wo 30302117-A 5244 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                     Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
/ organism="Mus musculus"
/ mol_type="genomic DNA"
/ db_xref="taxon:10090"
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       DNA
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Sequence 5244 from Patent WO03025177.
AX739654
AX739654.1 GI:30518951
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Sequence 5260 from Patent EP1281758. AX692528
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
a 0 c 2 g 1
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Location/Qualifiers
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                                                    AX692528.1 GI:29415486
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Homo sapiens
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Matanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Uspan (B-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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/db_xref="taxon:32630"
/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Synthetic construct DNA, forward
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Genomics 74 (1), 55-70 (2001)
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2 (bases 1 to 19)
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SM Unknown.

Unclassified.

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Unclassified.

RS Eghlom, M., Nielen, P., Buchardt, O., Dueholm, K.L., Christensen, L.,

Coull, J.M., Kiely, J. and Griffith, M.

Peptide nucleic acids

NAL Patent: US 6451968-A 49 17-SEP-2002;

BS Location/Qualifiers

1. 20

Argunism="unknown"

A 2 C 0 g 16 t 2 others
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                                                                          Length 20;
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VCE 1 (bases 1 to 20)

ORS Ward, D.T. and Watt, A.T.

DE Antisense modulation of helicase-moi expression ARNAL

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Vorganism="unknown"

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Unclassified.
1 (bases 1 to 20)
Wright, J.A. and Young, A.H.
Antitumor antisense sequences directed against ribonucleotide reductase
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Dean, N.M., Karras, J.G. and McKay, R.
Antisense modulation of interleukin-5 signal transduction
Patent: US 6136603-A 21 24-0CT-2000;
Location/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett,C.F. and Cowsert,L.M.

Antisense modulation of calreticulin expression

Patent: US 6426220-A 30 30-JUL-2002;

Location/Qualifiers
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AR221391.1 GI:23328441
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Location/Qualifiers
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/organism="unknown"
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                                               20 bp Dl Seguence 158 from patent US 5998383. AR093063. GI:10019815
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/organism="unknown"
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PAT 12-JAN-2001

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PAT 12-JUN-2003
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                              Keith, T.
Novel human gene relating to respiratory diseases, obesity, and inflammatory bowel disease
Inflammatory bowel disease
Patent: WO 0178894-A 181 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Acremonium chrysogenum
Acremonium chrysogenum
Acremonium chrysogenum
Bukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Hypocreomyceridae; Hypocreales; Hypocreaceae; mitosporic
Hypocreaceae; Acremonium.
1 (bases 1 to 19)
1 Hypocreaceae; Acremonium chrysogenum, preparation and use patent; EP 0610842-A 10 17-AUG-1994;
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
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84.2%; Pred. No. 5.6e+02;
tive 0; Mismatches 3; Indels
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93.8%; Pred. No. 5.5e+02;
tive 0; Mismatches 1;
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Sequence 9433 from patent US 6537751.
AR297698 GI:31684982
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Other publication CA 2115507 940813.
Location/Qualifiers
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Equence 10 from Patent EP0610842.
A39625.
A39625.1 GI:2295897
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AR297698/c
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 007147-A 46 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Sequenz:Erkennungssystem"
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93.8%; Pred. No. 5.5e+02;
live 0; Mismatches 1;
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   Sequence 46 from Patent WO0071747.
AX048447
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Best Local Similarity 93.8
Matches 15; Conservative
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Best Local Similarity 93.83
Matches 15; Conservative
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PAT 08-AUG-2001
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Baker, B.F., Bennett, C. Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF-.alpha.) expression
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Shuber,A.P.
Universal primer sequence for multiplex DNA amplification
Patent: US 6207372-A 6 27-MAR-2001,
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3; Indels
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Sequence 305 from patent US 6228642.
AR150229 GI:15114820
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Sequence 26 from patent US 6159694.
AR121005.1 GI:14104581
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Soares, M.B. and Efstratiadis, A.
Method for construction of normalized cDNA libraries
Patent: US 5830662-A 54 03-NOV-1998;
Location/Qualifiers
1. 20
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1.3%; Score 14.2; DB 1; Length 1
Best Local Similarity 84.2%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/mol_type="genomic DNA"
/db_xrsf="texon:2233"
/note="probe 1288"
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   disequilibrium map of the human genome Patent: US 6537751-A 9433 25-MAR-2003; Location/Qualifiers
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Bacterial protection against stress
Patent: WO 0077186-A 3 21-DEC-2000;
Nestle Produkte AG (CR)
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Sequence 54 from patent US 5830662.
AR051330.1 GI:5974694
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Sequence 3 from Patent W00077186.
AXO58959
AXO58959.1 GI:12311229
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1 c 3 g
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Bennett, C.F., Freier, S.M. and Watt, A.T.
Bantisense modulation of phospholipase A2, group VI
(Ca2+-independent) expression
Patent: US 6410325-A 30 25-UUN-2002;
Location/Qualifiers
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1 (bases 1 to 20)
S Wyatt,J. and Freier,S.M.
Antinsense modulation of Her-1 expression
AL Patent: US 6444465-A 155 03-SEP-2002;
Location/Qualifiers
Location/Qualifiers
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1 (bases 1 to 20)
1 (bases 1 to 20)
Nard,D.T. and Watt,A.T.
Antisense modulation of RECOL2 expression
Patent: US 6399378-A 17 04-JUN-2002;
Location/Qualifiers
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Sequence 155 from patent US 6444465.
AR226092.1 GI:27264246
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Seguence 30 from patent US 6410325.
AR215889
 AR211961 20 bp C
Sequence 17 from patent US 6399378.
AR211961.1 GI:21515421
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Miraglia, J., Nero, P., Graham, M.J. and Monia, B.P.
Antisense oligomolectide modulation of human mdm2 expression
Patent: US 6238921-A 12 29-MAY-2001;
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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JOURNAL Patent: US 6228642-A 305 08-MAY-2001;
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1 (bases 1 to 20)
Hasebe, M., Goto, M. and Tosu, M.
Wethod for detection of mutations
Patent: US 6284463-A S 04-SEP-2001,
                                                                                                                                                                                                                                                             AR154595 20 bp 1
Sequence 12 from patent US 6238921.
AR154595.1 GI:15122648
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Sequence 5 from patent US 6284463.
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Best Local Similarity 84.25
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Glimcher, L.H. and Ranger, A.M.
Methods relating to modulation of cartilage cell growth and/or
differentiation by modulation of NFAIP activity
Patent: US 6548734 A. 19 15. APR-2003;
Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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AR307888
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Unclassified.
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I chases 1 to 20)
Freier, S.M. and Wyatt, J.
Antisense modulation of syntaxin 4 interacting protein expression
Patent: US 6503756-A 246 07-JAN-2003;
Patent: US 6503756-A 246 07-JAN-2003;
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Unclassified.
1 (bases 1 to 20)
Morris, M.S., Shoemaker, D.D., Davis, R.W. and Mittmann, M.P.
Selecting tag nucleic acids
Patent: US 6458530-A 14 01-OCT-2002;
Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 3; Indels
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Matches 16; Conservative 0; Mismatches 3;
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Sequence 246 from patent US 6503756.
AR272176.1 GI:29703744
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Sequence 14 from patent US 6458530.
AR233332.1 GI:27275923
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Sequence 4 from patent US 6541251.
AR302586.1 GI:31690883
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Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 538 08-NOV-2001;

WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAT 17-FEB-2003
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Mus sp.
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 422 06-MAY-2003;
Location/Qualifiers
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Pred. No. 5.9e+02;
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Patent: WO 02072882-A 4861 19-SEP-2002;
OGHAM GmbH (DE)
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Sequence 4861 from Patent W002072882.
AX613836 GI:28409265
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Sequence 538 from Patent WO0183749.
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/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095" 4
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/organism="Homo sapiens"
                                                                                                               /organism="unknown"
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(bases 1 to 20)

(fais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655,2294-A 3333 06-MAY-2003,
                                                                                                                                                                                                                                   1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymuclectides and uses thereof
Patent: US 6559294-A 1292 06-MAY-2003;
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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84.2%; Pred. No. 5.9e+02;
vative 0; Mismatches 3;
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Sequence 4262 from patent US 6559294.
AR313725
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/organism="unknown"
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                          1 AGCAGGCATGGTGGCAAA 19
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 955 AGCTGGGCAGGGTGGCACA
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AR312796/c
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Miragila, L. d. (No. 1), Mero, P., Graham, M.J., Monia, B.P., and Cowsert, L.M. Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 12 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN J 2002508944-A/12
PP 26-MAR-1999 JP 2000538025
PP 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 10-REN J MIRAGILA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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C12Q1/68,C12N15/10
Designed oligonuclectide primer to amplify a portion of human
E2F-2 gene
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C12Q1/68,
Artificial Sequence
PN WO 0138522-A/18
PN WO 0138522-A/18
PD 31-MAY-2010
PF 16-NOV-2000 WO 2000JD008073
PR 19-NOV-1999 JP 99P 330726,25-JUL-2000 JP 00P 224663 PI
KAZUHIKO AOYAGI,HIROXI SASAKI,MASAAKI TERADA,JUNICHI MINENO, PI
KIYOZO AGADA,
PI CKINOSHIN KATO
PC C1201/68,C12115/10
CC Designed oligonucleotide primer to amplify a portion of hummon of the complement of the c
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Topology: Linear,
Antisense modulation of human MDM2 expression FH
Location/Qualifier
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Location/Qualifiers
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llarity 84.2%; Pred. No. 5.9e+02;
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3; Indels
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Location/Qualifiers
1. .20
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a 6 c 3 g 6 t
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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BD094869.1 GI:22640457
WO 0138572-A/18.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Aoyagi,K., Sasaki,H., Terada,M., Mineno,J., Asada,K. and Kato,I.,
A method for amplifying the nucleic acids
Parent: WO 0138572-A 18 31-MAY-2001,
TAKARA SHUZO CO LTD,KAZUHIKO AOYAGI,HIROKI SASAKI,MASAAKI TERADA,JUNICHI MINENO,KIYOZO ASADA,IKUNOSHIN KATO
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Patent: JP 2001321190-A 1522 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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A method of arraying genome clone.
BD089278
     /mol_type="genomic DNA"
/db_xref="taxon:9606"
7 c 5 g
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JP 2001321190-A/1522.
synthetic construct
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E40730
Antihuman Fas humanized antibody-containing antirheumatic.
DN Antihuman Fas humanized antibody-containing antirheumatic.
DN E40730
E40730.1 GI:18627319
SPA0154149-A/101.
SPITHERIC CONSTRUCT
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Artificial sequences.
I (bases 1 co.)
S Serizawa, N., Haruyama, H., Takahashi, W., Nakahara, K. and Yonehara, S.
Antihuman Fas humanized antibody-containing antirheumatic
Antihuman Fas humanized antibody-containing antirheumatic
SANKYO CO LTD
CS Artificial Sequence
PN UP 2000154149-A/101
PD 06-UUN-2000
PP 17-SEP-1999 UP 1999263984
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A61K39/395, A61P29/00, C12N15/09//C07K16/28, C12P21/02, C12N15/00
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/organism='Artificial Sequence'
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HIGAKI MEGUMI, SHOJI YOKO, MIZUSHIMA YUTAKA CO7H21/04,A61K11/70,A61K31/70,C12P19/34; strandedness: Single; tcpology: Linear; anti-sense: Yes.
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
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1.3%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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/ Organia="synthetic construct"
/nol_type="genomic DNA"
/db_xref="taxon:32630" { t
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Matches 16; Conservative
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unclassified.
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,I.M.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 250 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN J2 2002508944-A/250
PP 26-MAR-1999 UP 2000538025
PP 26-MAR-1999 UP 2000538025
PR 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 1.OREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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CI2N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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Antisense modulation of human MDM2 expression FH
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
vative 0; Mismatches 3; Indels
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Antisense oligonucleotide to IL-1 beta.
E06733.
E06733.
G1:2174915
JP 1994041185-A/4.
Synthetic construct
artificial sequences.
Higaki, M., Shoii, Y. and Mizushima, Y.
OHOSPHOOLICONUCLEOTIDE AND ITS USE
Patent: JP 1994041185-A 4 15-FEB-1994;
L T T KENYUSHO: KK
OS Artificial gene
CC Artificial gene
CC Artificial sequence; Genes.
PN JP 1994041185-A/4
PD 15-FEB-1994
PP 16-JUL-1992 JP 1992213519
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 2 c 10 g 3
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                                       20 GATCTACAGGAACTTGGTA 2
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         465 GAGCTCCAGGAACTTGGCA
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Best Local Similarity 84.23
Matches 16; Conservative
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Unclassified.

1 (bases 1 to 20)

Bauer, H.M., Gravitt, P.E., Greer, C.E., Manos, M.Michele.,
Rebnick, R.M. and Zhang, T.Y.

Betction of human papillomavirus by the polymerase chain reaction
Patent: US 5527898-A 11 18-JUN-1996;

Location/Qualifiers
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I (bases 1 to 20)

Manos,M.Michele., Bauer,H.M., Greer,C.E., Resnick,R.M. and Ting,Y.

Manos,M.Michele., Bauer,H.M., by the polymerase chain reaction
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5447839-A 6 05-SEP-1995;

Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
cive 0; Mismatches 3; Indels
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Pred. No. 5.9e+02;
0; Mismatches 3; Indels
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1 (bases 1 to 20)
Okamoro, H. and Nakamura, T.
Oligonucleotides and determination s:
Patent: US 5427909-A 41 27-UN-1995;
Location/Qualifiers
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Sequence 11 from patent US 5527898.
122523.1 GI:1602877
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114209
114209.1 GI:997224
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 artificial sequences.

Takeuchi, S., Ito, N. and Ono, S.

Takeuchi, S., Ito, N. and Ono, S.

Takeuchi, S., Ito, N. and Ono, S.

Novel adenovirus and method for assaying the same patent: JP 201095583-A 25 10-APR-2001;

NORIHIXO ITO

SATISTICIAL Sequence
PD 10-APR-2001
PD 10-APR-2001
PD 10-APR-2001
PD 30-SEP-1999 JP 1999278661
PI SATOSHI TAKEUCHI, NORIHIXO ITO, SHIGEAKI ONO
PC C12N15/09, C12N7/00, C12Q1/02, C12Q1/68, C12Q1/70, G01N33/PC C C12N15/09, C12N15/09
PC C12NN OO, C12R1:92), C12N15/00
PC C12NN OO, C12R1:92), C12N15/00
PC C12NN OO, C12R1:92), C12N15/109
PC C primer used for amplifying fiber region of adenovirus FH Key
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primer used for amplifying fiber region of adenovirus FH
Location/Qualifiers
Location/Qualifiers
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Bos,J.L. and Van der Eb,A.J.
Probes and methods for detecting activated ras oncogenes
Patent: US 4871838-A 3 03-OCT-1989;
The Board of Rijks Universiteit Leiden; Leiden;
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Pred. No. 5.9e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 41 from patent US 5427909.
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112631.1 GI:910013
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Unclassified.
1 (bases 1 to 14)
Petkovich, P.Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Retinoid metabolizing protein
Patent: US 6306624-A 17 23-OCT-2001,
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1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 4.7e+02;
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Unclassified.

E J (bases 1 to 14)
S Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
AL Patent: US 6429300-A 20 06-AUG-2002;
Location/Qualifiers
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AR174027.1 GI:17914347
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Sequence 20 from patent US 6429300.
AR222460.1 GI:23329991
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                                                                                    PAT 07-0CT-1997
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Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,
Manos, M.Michele., Reenick, F.M., and Zhang, T.Yi.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5639871-A 11 17-JUN-1997;
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1 (bases 1 to 14)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 76 19-JAN-1999;
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1.3%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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Pred. No. 4.7e+02;
0; Mismatches 0;
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Sequence 76 from patent US 5861244.
AR029887.1 GI:5943101
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Sequence 75 from patent US 5861244.
AR029886.1 GI:5943100
                                                                                  147348 20 bp 1
Sequence 11 from patent US 5639871.
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100.0%; Pre
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147348.1 GI:2471313
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UN BD096963.1 GI:22642551
S JP 2001346579-A/2.
S JP 2001346579-A/2.
SYNThetic construct
ISM synthetic construct
artificial sequences.
CB 1 (bases 1 to 14)
Nakoro conityana, Hisoviki Asanuma, H.
Patent: JP 2001346579-A 2 18-DEC-2001;
Makoro conityana, Hisoviki Asanuma
OS Artificial Sequence
PN D 2001346579-A/2
PN 18-DEC-2001
PF 02-JUN-2000 JP 200016541
PF 02-JUN-2000 JP 200016541
PF 02-JUN-2000 JP 200016541
PF CI2NIS/09, CI2NIS/09, CI2O1/68, GOIN21/78, GOIN33/53, COIN33/566,
PC CI2NIS/00,
PC CI2NIS/00
                                                                                                                                                                                                                                              BD084127.1 GI:22629737

BD084127.1 GI:22629737

JP 2001525663-A/15.

Homo sapiens (human)

SM Homo sapiens (human)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 14)

Feder,J.N., Kronmal,G.S., Lauer,P.M., Ruddy,D.A., Thomas,W.J.,

Tsuchihashi,Z. and Wolff,R.K.

Polymorphisms and new genes in the region of the human

hemochromatosis gene

DROGENTIOR INC

COURTS CONTRACTOR (human)

PROGENTIOR INC

COURTS CONTRACTOR (human)

COURTS CONTRACTOR (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DECTRONS AND SECULD SERVICES OF THE SERVICES O
                                                                                            Polymorphisms and new genes in the region of the human hemcohromatosis gene.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Suishelm,K., Hosier,S. and Rubbies,M.

Suishelm,K., Hosier,S. and Rubbies,M.

Isolation of novel aging factor gene P23

Loadistion of novel aging factor gene P23

UNIVERSITY OF WASHINGTON

Suishelmified

No 19 2001512698-A 5 28-AUG-2001;

DN 20-AUG-1998 DP 2000506375

PD 28-AUG-1998 DP 2000506375

PD 28-AUG-1999 US 08/908873

PI KAREN SUISHELM,SUZANNE HOSIER,MANFRED KUBBIES PC C12P21/02,

C12P21/02,

C12P21/03, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

Location/Qualifiers

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Detection system for separating constituents of a sample and production and use of the same
Patent: Wo 007147-A $ 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/organism='Unidentified'.
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   Sequence 5 from Patent WO0071747.
AX048406
AX048406.1 GI:12225570
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Gaps . PAT 27-AUG-2002

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BD176795

ION Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

BD176795

BD17679

BD176795

BD17679

BD
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Location/Qualifiers
                                                               Artificial Sequence
JP 2002509443-A/1
26 MAR-2002
30-OCT-1997 US 60/063969
WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF PC
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Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0;
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Methods of nucleic acid detection
Patent: JP 2002509443-A 1 26-WAR-2002;
GEN PROBE INC
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JP 2002509443-A/1.
synthetic construct
artificial sequences.
artificial sequences.
heisburg,W.G., Stull,P.D. and Reshatoff,W.R.
    Oligonucleotide for SNP detection
Key
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/organism="synthetic construct"
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Unknown.
Unclassified.
Unclassified.
Unclassified.
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 360 17-NOV-1998;
Location/Qualifiers
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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/organism='Artificial Seguence'. Location/Qualifiers
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 363 17-NOV-1998;
Location/Qualifiers
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                                     AROS6156 15 bp DNA
Sequence 360 from patent US 5837542.
AROS6156 GI:5981733
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BD176804.1 G1:29122516
SW 02074951-A/51.
SYNThetic construct
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attificial sequences.

EX Namamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.

RS Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.

RS Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.

RNEAL SYNTHETIC STRUCTING CDNA tag for identifying expressed gene and method of constructing gene expression
AL FOREHA CHEMICAL INDUSTRY CO. LTD, MIKIO YAMAMOTO, NAOKI YAMAMOTO, KINNITAKA HIROSE, JUN SAKAI

SS Artificial Sequence
PR 13-MAR-2002 WO 2002/P002338
PR 15-MAR-2001 JP 01P 073359
PI MIKIO YAMAMOTO, NAOKI YAMAMOTO, KUNITAKA HIROSE, JUN SAKAI PC
CI2NIS/09, C12Q1/68
CC SYNTHETIC DNA
LOCATION POLE
FH KEY
FT SOURCE
1. 14 bp
1. 14
FT SOURCE
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Synthetic construct

synthetic construct

artificial sequences.

I (bases I to 14)

Samemoto, M., Yamamoto, N., Hirose, K. and Sakai, J.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

method of analyzing gene expression

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

METHON SAKAI

SATAIROSE, JUN SAKAI

SATAIROSE, JUN SAKAI

SOURCE

Synthetic DNA

Location/Qualifiers

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//organism='Artificial Sequence'.
               14 bp DNA linear PAT 18-MAR-2003 Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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BD176801/c
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linear PAT 20-DEC-2002
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Ribozyme treatment of diseases or conditions related to levels intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-4, 363 17-OCT-2000,
Location/Qualifiers
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1 (bases 1 to 15)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 158 29-OCT-2002;
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches
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Patent: EP 1260586-A 334 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 158 from patent US 6472154.
AR241870
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/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
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1 (bases 1 to 15)

2 (Safamm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper. K.G.

Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

Patent: US 6132967-A 360 17-OCT-2000;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
01igonucleotide repeat arrays
Patent: US 5981185-A 8 09-NOV-1999;
Location/Qualifiers
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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100.0%; Pred. No. 5e+02;
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1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and oligonucleotide sequences containing
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Unclassified.
1 (bases I to 16)
Gryaznov.S.M. and Lloyd,D.H.
Oligonucleotide clamps having diagnostic and therapeutic applications
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1 (bases 1 to 16)
Grysznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps
Patent: US 5741643-A 6 21-APR-1998;
Location/Qualifiers
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Location/Qualifiers
1. .15
/organlsm="unknown" 0 t
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Location/Qualifiers
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Sequence 6 from patent US 5817795.
AR045207
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129066.1 GI:1819857
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1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and oligonucleotide sequences containing them
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                                                                                                                                                                                                                                                                    Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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Sequence 340 from Patent EP1260586.
AX633201
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Sequence 3 from patent US 5576427.
129065 1 GI:1819856
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/organism="unknown"
14 a 0 c 0 g
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Unclassified.
1 (Dases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Machod and reagent for the treatment of diseases or conditions
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Convergent synthesis of branched and multiply connected macromomolecular structures
macromomolecular structures
Patent: US 5571677-A 6 05-NOV-1996;
Location/Qualifiers
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Unclassified.
1 (Dassified.
1 (Dasse 1 to 16)
Gryaznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps having diagnostic applications
Patent: US $473060_A, 6 05-DEC-1995;
Location/Qualifiers
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7s 0; Indels
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26quence 6 from patent US 5571677.

128367.1 GI:1819143
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Sequence 6 from patent US 5473060.
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1 (bases 1 to 16)
Gryaznov,S.M.
Gonvergent synthesis of branched and multiply connected macromolecular structures
Patent: US 5830658-A 6 03-NOV-1998;
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100.0%; Pred. No. 5.3e+02;
Ative 0; Mismatches 0; Indels
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1 c 1 g 0
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Sequence 6 from patent US 5830658.
AR051238
AR051238.1 GI:5974602
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             /organism="unknown"
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Homo sapiens
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100.0%; Pred. No. 5.8e+02;
tive 0; Mismatches 0; Indels
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Collection of binding molecules
Patent: EP 1174518-A 43 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 21 31-JAN-22002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
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/note="position 41" 7 g 2 t
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ive 0; Mismatches 0;
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="position 41"
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Ax362660 Ax362660.1 GI:18694800
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Sequence 43 from Patent WO0208463.
AX362682
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AX352837
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Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen, Tor the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2553 12-FEB-2002;
Location/Qualifiers
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2548 12-FEB-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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Patent: EP 1174518-A 21 23-JAN-2002,
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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|/organism="synthetic construct"
| mol_type="genomic DNA"
| db_xref="texon:32630"
| note="position 41"
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100.0%; Pred. No. 5.8e+02;
tive 0; Mismatches 0;
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Seguence 2553 from patent US 6346398.
AR187065
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Sequence 21 from Patent EP1174518.
AX352815
AX352815.1 GI:18617897
                                                        /organism="unknown"
a 1 c 0 g
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Matches 14; Conservative
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AR187065/c
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766 CAGAACTGGAGAAG 779

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
mamaila; Eutheria; Primates; Cararrhini; Hominidae; Homo.
1 (bases 1 to 19)
Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Ohki,M., Tashiro,K. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HUM431UVB STS 29-MAY-2002 A PCR primer for human chromosome 21 Sfi I linking clone STS, location 21q22.1, sequence tagged site.
                    E04839 19-SEP-1997
Synthetic DNA for site directed mutagenesis of interleukin 6
                                                                                                                                                                                                                                                                                                                                                       Artificial general formación de la Artificial general forman sequence, denes.

S Homo sapiens (human)

PN 193091892-A/17

PD 16-APR-1993

PP 10-APR-1993

PP 10-APR-1993

PI KISHIMOTO CHUZO, HACHIMAN HIDEO, YASUKAWA KIYOSHI PC

C12P21/02, CO7K13/00, C12N5/10, C12N15/12, (C12P21/02, C12R1:91); CC

C topology: Linear;

C hypothetical: No:
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Sixry new STSs (sequence-tagged sites) of human chromosome
DNA Res. 1 (2), 85-89 (1994)
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1 (bases 1 to 18)

Kishimoto, C., Hachiman, H. and Yasukawa, K.

Kishimoto, C., Hachiman, H. and Yasukawa, K.

Fatent: JP 1993091892-A 17 16-APR-1993;

KISHIMOTO CHUGA, CHUGAI PHARMACEUT CO LTD, TOSOH CORP
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100.0%; Pred. No. 5.8e+02;
ive 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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hypothetical: No.
Location/Qualifiers
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JP 1993091892-A/17.
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synthetic construct
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Homo sapiens
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D50176.1 GI:801782
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Matches 14; Conservative
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Sakaki, Y.
Sirect Submission
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E04839
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HUM431UVB
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Pred. No. 5.88+02;
Indels 0; Indels
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                                                                                                                                              and van Gemen, B.
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/organism="synthetic construct"
/organism="synthetic bla"
/db_xref="caxon:32630"
/note="position 41"
                                                                                                                                      Loukachov, V.V., Goudsmit, J. and van Gem
Collection of binding molecules
Patent: WO 0208463-A 43 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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100.0%; Pred. No. ...
0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD078665
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JP 2001269186-A/17.
unidentified
GI:18694822
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Submitted (28-Apr-1995) to DDBJ by: Yoshiyuki Sakaki

COMMENT

RESULT 591

Human Genome Center Institute of Medical Science

Thu Jan

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PAT 21-NOV-2001
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Minutoschimulatory nucleic acids
Patent: WO 0122972-A 431 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)

2 (fiffale, R., Holeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynuclectides and uses thereof Patent: US 6559294-A 6031 06-MAY-2003;

Location/Qualifiers
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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.38+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 6.3e+02;
iive 0; Mismatches 0;
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Sequence 5974 from Patent WO0179548.
AX294212
AX294212.1 GI:17055895
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Sequence 431 from Patent WO0122972.
AXI04239
AXI04239.1 GI:13920436
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/organism="unknown"
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 20)
Kambara, nand Okano, K.
Nasequencing method and DNA sample preparation method
Patent: US 5985556-A 4 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.

1 (bases 1 to 20)
Kambara, H. and Okano, K.
DNA sequenching method and DNA sample preparation method
Patent: US 5985556-A 3 16-NOV-1999;
Location/Qualifiers
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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 6e+02;
ive 0; Mismatches 0; Indels
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1.3%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0;
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Sequence 4 from patent US 5985556.
AR086110
AR086110.1 GT:10012876
                                                                                        AR086109 20 bp
Sequence 3 from patent US 5985556.
AR086109 GI:10012875
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/organism="unknown"
a 2 c 3 g
                                                   Phone: 03-5449-5362
Fax : 03-5449-5445.
Location/Qualifiers
University of Tokyo
4-6-1 Shirokanedai Minato-ku
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AR086110/c
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AR086109/c
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                                                                       Bratzler, R.L. Inhibition of angiogenesis by nucleic acids Inhibition of 2053141-A 431 11-JUL-2002, Coley Pharmaceutical Group, Inc. (US) Location/Qualifiers
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/organism="synthetic construct"
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/noTe="Synthetic Sequence"
) a 2 c 2 g 16 t
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1 (bases 1 to 20)
Ckano, K. and Kanbara, H.
PRIMER FOR DNA POLYMERASE REACTION AND DET
POLYNUCLEOTIDE SEQUENCE USING THE SAME
PATENT: JP 1996332100-A 1 17-DEC-1996;
HITACHI LTD
OS None
OC Artificial sequences.
PN JP 1996332100-A/1
PD 17-DEC-1996
Mckay,R.
Antisense modulation of ptplb expression
Patent: WO 0210378-A 53 07-FBB-2002;
ISIS PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 431 from Patent WO02053141.
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AX547292.1 GI:25812436
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E12411.1 GI:3251244
JP 1996332100-A/1.
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synthetic construct
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                                                                          Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179549-A S574 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Methods for enhancing antibody-induced cell lysis and treating
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    .20
    /organism="synthetic construct"
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    /db_tref="taxon:32630"
    /note="Synthetic oligonucleotide~phosphorothioate backbone"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:33630"
/noTe="Hypothetical Probe Sequence"
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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100.0%; Pred. No. 6.3e+02;
ive 0; Mismatches 0;
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1 Similarity 100.0%; Pred. No. 6.3e+02;
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AX355709.1 GI:18620377
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                                 synthetic construct artificial sequences.
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Best Local Similarity 100.
Matches 14; Conservative
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AX418658/c
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AX355709/C
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PAT 06-FEB-1997
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Croce,C.M.
Methods of indentifying solid tumors with chromosome abnormalities in the ALL-1 region
Patent: US 5567586-A 4 22-OCT-1996;
Location/Qualifiers
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Location/Qualifiers
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100.0%; Pred. No. 6.3e+02;
cive 0; Mismatches 0; Indels
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JP 1997140400-A/2
03-JUN-1997
13-SEP-1995 JP 1996242929
18-SEP-1995 JP 95P 238141
OKANUNCH, KANBARA HIDEKI
C1201/68/G01N27/447/G01N33/58//C12N15/09;
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100.0%; Pred. No. 6.3e+02;
tive 0; Mismatches 0;
                              E13188.1 GI:3251993
UP 1997140400-A/2.
unidentified
unidentified
unclassified.
1 (bases 1 to 20)
Okano,K. and kabbara,H.
DETERMINATION OF BASE SEQUENCE
Patent: JP 1997140400-A 2 03-JUN-1997;
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Sequence 4 from patent US 5567586.
127758.1 GI:1818534
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/organism='Artificial sequences'.
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/organism='Artificial sequences'.
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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.38+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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JP 199714400-A/1
03-UNN-1997
13-SEP-1996 UP 1996242929
18-SEP-1995 UP 99P 238141
CARANO KAZUNDOU, KANBARA HIDEKI
C1201/68,G01N27/447,G01N33/58//C12N15/09;
strandedness: Single;
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1.3%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0;
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Okano, K. and Kanbara, H.
DETERMINATION OF BASE SEQUENCE
PACENT: 17P 1997140400-A 1 03-JUN-1997;
HITACHI LTD
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  06-JUN-1995 JP 1995139051
OKANO KAZUNOBU, KANBARA HIDEKI
C1201/68,CO7H21/04//C12N15/09;
strandedness: Single;
topology: Linear;

    .20
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

    .20
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 1997140400-A/1.
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E13188/c
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B13187/c
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PAT 20-APR-2002

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Unknown.
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I (bases 1.0.17)

Pavco,Pt., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavco,Pt., McSwiggen, J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: Us 6346388-A 7818 12-FFB-2002;

Location/Qualifiers
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Unclassified.
Unclassified.
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I bases.
Pavoo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavoo,P., McSwiggen, J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2554 12-FEB-2002;
Location/Qualifiers
 Method for evaluating oligonucleotide probe sequences Patent: US 6251588-A 111 26-JUN-2001; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 1.3%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 6e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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Pred. No. 6e+02;
0; Mismatches 2; Indels
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88.2%; Pred. No. 6e+02;
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28equence 2554 from patent US 6346398.
AR187066
AR187066.1 GI:20233031
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                                                             /organism="unknown"
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Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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AR187066/c
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   PAT 05-JUL-1996
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Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and
Kincaid,R.H.
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HYBRIDIZATION
Patent: WO 9119812-A 38 26-DEC-1991;
Location/Qualifiers
1...17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texton:32630"
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 A32738 17 bp DNA linear Synthetic detection probe for HIV1 gag region. A32738.1 GI:1567586
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Best Local Similarity 88.2%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 2;
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1.3%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 111 from patent US 6251588.
AR158489.1 GI:16220531
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Location/Qualifiers
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artificial sequences.
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Query Match
1.3%; Score 13.8; DB 1
Best Local Similarity 88.2%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches
Patent: US 6528640-A 559 04-MAR-2003;
                               1. .17
/organism="unknown"
              Location/Qualifiers
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AX213186/c
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I (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Patchod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patcht: US 6346398-A 7819 12-FEB-2002;
Location/Qualifiers
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann.Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 147 26 FEB-2002;
Location/Qualifiers
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88.2%; Pred. No. 6e+02;
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Unclassified.
Unclassified.
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity
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                                 Sequence 7819 from patent US 6346398. AR192331
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Patent: WO 0159077-A 20 16-AUG-2001;
REGENTS OF THE UNIVERSITY OF MINNESOTA (US) ; COLLINS, James Edward (US) ; Faaberg, Kay S. (US) ; ROSSOW, Kurt D. (US)
Location/Qualifiers
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  PAT 06-SEP-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 2484 16-AUG-2001; RIBOZYMS PHARMACHITCALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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/note="Nucleic Acid"
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/db_xref="taxon:32630"
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AX213186 17 bp
Sequence 20 from Patent WO0159077.
AX213186 1GI:15524130
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 386 30-AUG-2001,
Patent: WO 0162911-A 186 10-AUG-2001,
Patent: WO U162911-A 186 10-AUG-2001,
Location/Qualifiers
                                                                                                                                                                                                              Kmiec, E.B., Gamper, H.B. and Rice, M.C.

Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 984 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 387 from Patent WO0162911.
AX272818
                                           17 bp
Sequence 984 from Patent WO0173002.
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Sequence 386 from Patent WO0162911.
AX272817
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/organism="Homo sapiens"
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1 enzyme
Patent: WO 0157206-A 441 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 983 04-0CT-2001;
UNIVERSITY OF DELAMARS (US)
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/mol_type="mRNA"
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Sequece 983 from Patent WO0173002.
AX265592. GI:16512391
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Sequence 441 from Patent WO0157206.
AX227069.1 GI:15556210
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/mol_type="genomic DNA"
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03022176-A 3309 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mudit. EP 1281758-A 5358 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
                                                  Parent: BP 1281758-A 5261 05-PEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="Yenomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 88.2
Matches 15, Conservative
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                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                               Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, J.H.

Bethod and reagent for the inhibition of grid

Patent: WO 0162911-A 387 30-AUG-2001;

RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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88.2%; Pred. No. 6e+02;
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Aeomica, Inc. (US)
Location/Qualifiers
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AX692529.1 GI:29415487
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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   AX272818.1 GI:16545555
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

Patent: WO 3030217-A 177 27-WAR-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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88.2%; Pred. No. 6e+02;
tive 0; Mismatches 2; Indels
 Query Match 1.3%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 6e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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Sequence 5301 from Patent WO03025175.
AX733667
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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88.2%; Pred. No. 6e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
/ g c 2 g 4
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
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PAT 04-APR-1998
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Unclassified.
1 (bases 1 to 17)
Cros, P., Allibert, P., Mallet, F., Mabilat, C. and Mandrand, B. Sandwich hybridization assays using very short capture probes noncovalently bound to a hydrophobic support noncovalently bound to a bydrophobic support patent: US 5695926-A 109 09-DEC-1997;
Location/Qualifiers
                                                                                                                              Unknown.
Unclassified.
Unclassified.
Cros,P., Allibert,P., Mallet,F., Mabilat,C. and Mandrand,B.
Sandwich hybridization assays using very short capture probes
noncovalently bound to a hydrophobic support
Patent: US 5695926-A 59 09-DEC-1997;
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unclassified.
1 (bases 1 to 18)
Ophoff,R.A., Terwindt,G.M., Ferrari,M.D. and Frants,R.R.
A gene related to on dyraine in man
Patent: WO 9813490-A 121 02-APR-1998;
OPHOFF ROEL ANDRE (NL)
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6e+02;
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Pred. No. 6e+02;
0; Mismatches 2;
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Best Local Similarity 88.2%; Pred. No. 6e+0
Matches 15; Conservative 0; Mismatches
                              17 bp C
Sequence 59 from patent US 5695926.
184288
184288.1 GI:3021808
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Sequence 121 from Patent WO9813490.
A70800.
A70800.1 GI:4774803
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                    Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 5 27-MAR-2003; Patent: WO 30302177-A, 676 27-MAR-2003; Molecular Engines Laboratories (FR)
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Pred. No. 6e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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568 GATCCTCGCTGCCTCAC 584
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Unknown.
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Unknown.
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1 (Dassel to 18)
Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L., Coull,UM., Kiely,J. and Griffith,M.
Peptide nucleic acids
Patent: US 6451968-A 32 17-SEP-2002;
Location/Qualifiers
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Unclassified.
I (bases 1.0 18)
Egholm, M., Nielsen, P., Buchardt, O., Dueholm, K.L., Christensen, L.,
Coull, J.M., Kiely, J. and Griffith, M.
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Unknow...
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Unclassified.
1 (bases 1 to 18)
Sorgey.T.A.
Sorgey.T.A.
Methods for detection of a target nucleic acid using a probe comprising secondary structure
Comprising secondary structure
Patent: US 6350580-A 2 26-FEB-2002;
Location/Qualifiers
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Sequence 33 from patent US 6451968.
AR231296.
AR231296.1 GI:27272227
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Sequence 32 from patent US 6451968.
AR211295
AR231295.1 GI:27272226
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Sequence 2 from patent US 6350580.
AR195017
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/organism="unknown"
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AR231296/c
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AR231295/c
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Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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1 (bases 1 to 18)

1 (bases 1 to 08)

Antisense inhibition of Elk-1 expression

Patent: US 5948680-A 44 07-SEP-1999;

Location/Qualifiers
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Patent: EP 0834561-A 121 08-APR-1998;
UNIV LEIDEN (NL)
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Sequence 44 from patent US 5948680.
AR073071
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Sequence 121 from Patent EP0834561.
A79284
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/db_xref="taxon:32644"
             1. .18
/organism="unidentified"
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/organism="unknown"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 18)

Frantz, R. I.E., Ferrari, M. D., Teruvinto, H.M. and Opuhofu, R. A.

A gene related to migraine in man

D Patent: UP 2001500743-A 83 23-JAN-2001;
RYUKUS UNIVERSITAT TO RAIDEN

OS Homo sapiens (human)

PN JP 2001500743-A/83

PD 23-JAN-2001

PR 26-SEP-1997 JP 1998515527

PR 26-SEP-1997 JP 1998515527

PR 27-SEP-1996 EP 96202707.

PI RENE ROBERT ISAAK ERIF FRANTZ, MICHEL DOMINIQUE FERRARI, PI

HISSEA MARRY TERUVINTO, RURU ANDRE OPUHOFU
                                                                                                                                                                        PAT 31-JAN-2002
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Altaba, A.Ruizi.
Methods and materials for the diagnosis and treatment of sporadic
basal cell carcinoma
Patent: US 6238876-A 5 29-MAY-2001,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C12N15/09, A01K67/027, C07K14/435, C07K16/18, C12N1/15, C12N1/19,
                           Gaps
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C12N5/10,C12Q1/02,C12Q1/68,C12N15/00,C12N5/00 CC
Key Location/Qualifiers
primer bind (1). (18).
Location/Qualifiers
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      Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                                                                                                        DNA
                                                                                                                                                                 A gene related to migraine in man.
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AR154250
AR154250.1 GI:15122303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
4 c 6 g 6
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6 c 3 g
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JP 2001500743-A/83.
Homo sapiens (human)
Homo sapiens
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                                                     37 CCAGGTGCAGAGGCGG
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/organism="synthetic construct"
/mol_type="genomic DNA"
/do_xref="taxon:32630"
/note="FEN nuclease cleavage product"
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88.2%; Pred. No. 6.2e+02;
cive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Peptide nucleic acids
Patent: US 6451968-A 33 17-SEP-2002;
Location/Qualifiers
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Patent: WO 0178894-A 96 25-OCT-2001,
Genome Therapeutics Corp. (US)
Location/Qualifiers
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Methods for detection of a target n
Patent: WO 0132922-A 2 10-MAY-2001;
STRATAGENE (US)
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/organism="unknown"
2 c 0 g
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AX326900
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Mkaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Patent: WO 0112799-A 28 22-FBB-2001;
Suedwestdeutsche Saatzucht (DE)
Location/Qualifiers
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Patent: WO 0112798-8 22-FEB-2001;
Suedwestdeutsche Saatzucht (DE)
Location/Qualifiers
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M Unknown.
Unclassified.

E 1 (bases 1 to 19)
S Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a h
disequilibrium map of the human genome
tAL Patent: US 6537751-A 10360 25-MAR-2003;
Location/Qualifiers
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Sequence 28 from Patent WO0112798.
AX065178 GI:13275270
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Sequence 28 from Patent WO0112799.
AXO85375.1 GI:13275430
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/db_xref="taxon:4577"
                                                                                                                                                   /organism="unknown"
9 c 0 g
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AX085178
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.58+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Matches 15; Conservative 0; Mismatches 2; Indels
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Sakurada,K., Palmer,T. and Gage,F.H.
Regulation of tyrosine hydroxylase expression
Patent: US 6312949-A 19 06-NOV-2001;
Location/Qualifiers
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Sequence 7203 from patent US 6537751.
AR295468
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Sequence 10360 from patent US 6537751.
AR298625.1 GI:31685909
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T
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Sequence 19 from patent US 6312949.
AR177687.1 GI:17920042
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8 c 4 g
                                                    462 GAAGAGCTCCAGGAACT 478
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                                                                            GAAGATCTCCAGAACT 17
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Unclassified.
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AR177687/C
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AR295468
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AR298625
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KEYWORDS
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ORGANISM

AUTHORS TITLE

REFERENCE

JOURNAL FEATURES

BASE COUNT

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Gaps

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Synthetic construct DNA, forward primer for human STS sts-A009X34 at 1p36.
AB069490
AB069490.1 GI:15130294
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/moi_type="genomic DNA"
/moi_type="genomic DNA"
/db_xref="taxon:32630"
1. .19
/note="forward primer for human STS sts-A009X34 at 1p36
sts-A009X34 obtained from clones B61B17, B86A23, B26B112,
B316H11, B26P17, Human BAC library RPCI-11"
a 9 c 3 g 6 t
                                                                                                                                                                                                                                                                                             Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morhashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E. Bac-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tchoku.ac.jp, Tel:81-22-717-8042; Fax:81-22-717-8047)
Location/Qualifiers
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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SAG:apoptosis sensitivity gene
Patent: 192 2001526063-A 3 18-DEC-2001;
WARNER LAMBET CO
OS Unidentified
PN JP 200152663-A/3
PD 18-DEC-2001
PR 15-DEC-1998 JP 2000525451
PR 19-DEC-1997 US 60/068179,11-SEP-1998 US
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BD096968
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JP 2001526063-A/3.
unidentified
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synthetic construct
artificial sequences.
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(bases 1 to 19)
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BD096968/C
LOCUS
DEFINITION
ACCESSION
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KEYWORDS
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AB069490/c
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Weber, J.L.

Ength polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and method of using the same patent: US 5582979-A 208 10-DEC-1996;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                            Length 19;
                                                                                                          Query Match
1.3%; Score 13.8; DB 1; Length 1
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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/organism="Homo sapiens"
/organism="Homo sapiens"
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/note="Cyclin E ribozyme binding site"
0 c 3 g 11 t
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131296
131296.1 GI:1822087
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PMMUSOL, INC. (US)
Location/Qualifiers
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1. .19
/organism="Zea mays"
/mol_type="Yenomic DNA"
/db_xref="taxon:4577"
* 8 c 3 g
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/organism="unknown"
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131296/c
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AX131078/c
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PAT 21-FEB-2003
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Unclassified.
Unclassified.
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Unclassified.
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Braper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 613267-A 364 17-OCT-2000;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Polymorphic repeats in human genes
Patent: US 6472154-A 164 29-0CT-2002;
                                              Length 15;
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Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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93.3%; Pred. No. 6.2e+02;
live 0; Mismatches 1;
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93.3%; Pred. No. 6.2e+02;
tive 0; Mismatches 1;
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Sequence 164 from patent US 6472154.
AR241876.1 GI:27287688
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Sequence 364 from patent US 6132967.
AR113918 1 GI:14094240
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/organism="unknown"
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AX633203/c
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AR113918/c
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AR241876/c
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YI SUN
CIZNIS/09,AGIK31/711,AGIK38/00,AGIK48/00,AGIP17/02,AGIP35/00,
PC AGIP39/06,CO7K14/47,CO7K16/18,CIZN1/19,CIZN1/19,CIZNI/21 PC
CIZNS/10,CIZQ1/68,
CGON33/68,CIZNIS/00,AGIK37/02,CIZNS/00 CC
Strandedness Single,
CC Topology: Linear;
CC Topology: Linear;
CC Adiagnacieotide PI downstream primer' FH Key
Location/Qualifiers
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Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonuclectide repeat arrays
Patent: US 5981185-A 7 09-NOV-1999;
Location/Qualifiers
1. .15
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 364 17-NOV-1998;
Location/Qualifiers
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Location/Qualifiers
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Sequence 364 from patent US 5837542.
AR056160.1 GI:5981737
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/organism="unidentified"
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Sequence 7 from patent US 5981185.
AR084518
AR084518.1 GI:10011289
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Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. &
Shannon, K.W.
Kincaid, R.H.
Method for evaluating oligonuclectide probe sequences
Patent: US 6251588-A 110 26-JUN-2001;
Location/Qualifiers
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Unclassified.
E 1 (Dases 1 to 17)
Seigelman, J., Burgin, A., Beaudry, A., Karpeisky, A.,
Matulic-Admic, J., Sweedler, D. and Zinnen, S.
Synchetic ribonucleic acids with RNAse activity
AL Patent: US 6528640-A 835 04-MAR-2003;
Location/Qualifiers
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. Kincaid, R.H. Method for evaluating oligonucleotide probe sequences Patent: 18 6251588-A 109 26-JUN-2001; Location/Qualifiers
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1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Sequence 110 from patent US 6251588.
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Method for the detection of viable Cryptosporidium parvum occysts
Patent: US 6146855-A 2 14-NOV-2000;
Location/Qualifiers
                                                                                                                                    Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpelsky, A., Draper, K.G., Kielch, K., Makullo-Adamic, T., Mcawiggen, J.A., Modak, A., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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1.2%; Score 13.4; DB 1; Length 1
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 2 from patent US 614685S.
AR141562 1 GI:15101078
        Sequence 342 from Patent EP1260586.
AX633203
AX633203.1 GI:28468817
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     PAT 26-0CT-2001
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                   Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Frimates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 311 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                        Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 013002-A 3710 04-OCT-2001;
UNIVERSITY OF DELAWRRE (US)
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Sequence 3711 from Patent WO0173002.
AX266320
AX266320.1 GI:16515119
17 bp DN Sequence 3710 from Patent WO0173002. AX266319
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                                                          AX266319.1 GI:16515118
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1296 16-AUG-2001;
RIBOYME PARAMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 1700 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
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93.3%; Pred. No. 6.9e+02;
live 0; Mismatches 1;
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 1700 from Patent WO0159103.
AX216258
AX216258.1 GI:15526301
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Sequence 1296 from Patent WO0159103.
AX215854
AX215854.1 GI:15525897
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synthetic construct
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RESULT 661
AX216258/c
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RESULT 662 AX266319/c

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/db_xref="taxon:9606"
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
   Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3718 04-OCT-2001;
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Batcht: WO DELAWARE (US)
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Location/Qualifiers
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Sequence 3718 from Patent WO0173002.
AX266327 GI:16515126
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Sequence 3715 from Patent WO0173002.
AX266324
AX266324.1 GI:16515123
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 93.3
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AX26327/c
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AX266324
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Method and reagent for the inhibition of grid
Patent: WO 0152911-A 367 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3719 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 3719 from Patent WO0173002.
AX266328
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Sequence 367 from Patent WO0162911.
AX272798
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RESULT 669
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Gossypium hirsutum
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Malvales; Malvaceae; Malvoideae; Gossypium.
                                                                                                                                                                                                         Gossýpium hirsutum
bukaryota, viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Malvales; Malvaceae; Malvoideae; Gossypium.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: Wo 0192512-A 2112 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                    Kanlec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 2111 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 2112 from Patent WO0192512.
AX325974.1 GI:18096734
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Sequence 2111 from Patent WO0192512.
AX325973.
AX325973.1 GI:18096733
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3 GCACCAGCCACAGCC 17
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AX325974
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AX422737/c
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Buthería; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0165911-A 390 30-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Belhod and reagent for the inhibition of grid
Patent. WO 162911-A 610 30-AUG-2001;
RIBOZYME PHARMACHICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="mRNA"
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Sequence 390 from Patent WO0162911.
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AX272821.1 GI:1654558
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Matches 14; Conservative
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: EP 1281758-A 3144 05-FEB-2003;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                   Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. an
Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A. 2082 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 188124-A 2083 22-MOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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93.3%; Pred. No. 6.9e+02;
ive 0; Mismatches 1;
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Sequence 3144 from Patent EP1281758.
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/mol_type="mRNA"
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   PAT 18-JUN-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                      Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. and Randi, A.M.

Method and reagent for the inhibition of erg

Patent: WO 0188124-A 1073 22-NOV-2001;

RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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Mcthod and reagent for the inhibition of erg
Patent: WO 0.188124-A 2073 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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   AX422737
Sequence 1073 from Patent WO01B8124.
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AX423737
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Petent: WO 03025176-A 5257 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                       Gaps
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Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.96+02;
Matches 14; Conservative 0; Mismatches 1;
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Patent: WO 03025176-A 3143 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 3143 from Patent W003025176.
AX725456 1GI:30504799
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AX727570
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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93.3%; Pred. No. 6.9e+02;
trive 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                        DNA
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Aeomica, Inc. (US)
Location/Qualifiers
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| /organism="Homo sapiens"
| /mol_type="genomic DNA"
| /db_tref="taxon:9606"
| 1 c 1 g 14
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_ref="taxon:9606"
7 4 c 5 g 3
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 93.3
Matches 14; Conservative
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AX690413
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4563 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and 27-AMAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1121 from Patent W003025177.
AX735531
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                                       AA.132929 17 bp DNA Sequence 4563 from Patent WO03025175.
                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX732929.1 GI:30512272
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Homo sapiens
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Best Local Similarity 93.3
Matches 14; Conservative
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                         AX728333 17 bp DNA Sequence 6020 from Patent W003025176. AX728333
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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661 TCATGCAGCTGAAGC 675
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AX728754/c
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AX728333
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                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleogtomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                  Telerman, A., Ameon, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use Paterof as medicaments and and an action of the medicament wo 0.3025177-A 3.086 27-WAR-2003, Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4083 27-WAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
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   AX737496.1 GI:30516784
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                                  Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoisis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 4247 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Borneman,W.Scott., Goyal,A., Conder,M.J. and Vinci,V.A.
Bioprocess for production of dipeptide based compounds
Patent: V6 6204008-A 3 20-VMR-2001;
Location/Qualifiers
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1.2%; Score 13.4; DB 1; Length 17;
Local Similarity 93.3%; Pred. No. 6.9e+02;
hes 14; Conservative 0; Mismatches 1; Indels
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of Elk-1 expression
Patent: US 5948680-A 35 07-SEP-1999;
Location/Qualifiers
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AR073062
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AR142758
AR142758.1 GI:15104044
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Atp binding cassette transporter protein abc1 polypeptides
Patent: WO 0078911 x 2 1 28-DEC-2000;
CV THERABUTICS, INC. (US)
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Patent: BP 1174518-A 55 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
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? g 2 t
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 21 from Patent WO0078971.
AX060912
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Sequence 55 from Patent EP1174518.
AX352849.
AX352849.1 GI:18617931
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Sequence 55 from Patent WO0208463.
AX362694
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Method for the selective identification of salmonella
Method for the selective identification of salmonella
Batent: WO 0036146-A 6 22-JUN-2000;
OWEN RICHARD HARLEY GRENVILLE (GB); CELSIS INT PLC (GB); PERCY
NEIL (GB); WICKS BENJAMIN (GB)
Location/Qualifiers
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Regulation with binding cassette transporter protein abol
Patent: WO 0079972-A 21 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
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/ Organism="synthetic construct"
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/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
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AX026528
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1 (bases 1 to 18)
Bruice, T.W. and Lima, W.F.

Determination of oligonucleotides for therapeutics, diagnostics and research reagents
Patent: US 5686242-A 1 11-NOV-1997;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
Tanzi, R.E., Schellenberg, G.D., Wasco, W., Levy-Lahad, E., Bird, T.D. and Galas, D.J.
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Unclassified.
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Allelic variation of the serotonin 5HT7 receptor
Patent: US 5763183-A 5 09-UNN-1998;
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 1; Indels
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M Method for distinguishing HLA-A allele type.
E35255.1 GI:13019000
JP 1999216000-A/32.
SYnthetic construct
artificial sequences.

Construct
artificial sequences.

Cotour.w. and Toshihiko,K.
Method for distinguishing HLA-A allele type patent. JP 1999216000-A/32 10-AUG-1999;
SHIONOGI & CO LTD
OS Artificial Sequence
FN JP 1999216000-A/32
FD 10-AUG-1999
FP 1998305892
FR TOYOTERU MORIBE, TOSHIHIKO KANESHIGE
FC C12Q1/68,G01N27/447//C12N15/09
FF Source

CC T12Q1/68,G01N27/447//C12N15/09
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Creation/Qualifiers
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Creation/Qualifiers
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Creation/Artificial Sequence
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Loukachov,V.V., Goudsmit,J. and van Gemen,B.
Collection of binding molecules
Patent: WO 0208463-A 55 31-JAN-2002,
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
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/db xref="texon:32630"
/note="position 41"

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    Organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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173187.1 GI:3009326
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/organism='Artificial sequences'.
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02-SEP-1997
19-FEB-1996
SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
strandedness: Single;
typothetical: No;
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92.9%; Pred. No. 6.3e+02;
iive 1; Mismatches 0;
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Shibata, D., Kato, T. and Ota, H.
DNA CODING NEW CYTOCHROME P450
Patent: JP 1997224671-A 3 02-SEP-1997;
MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO:KK
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JP 1997224671-A/3.
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In (bases 1 to 19)

Tanzi,R.B., Schellenberg,G.D., Wasco,W., Levy-Lahad,B., Bird,T.D.
and Galas,D.J.
Chromosone 1 gene and gene products related to Alzheimer's Disease
Patent: US 6466791-A 43 22-OCT-2002;

Location/Qualifiers
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Regulated genes by stimulation of chondrocytes with IL-lbeta Partent: EP 0705842-A 55 10-APR-1996,
POECHST AG (DE)
Other publication ZA 9508381 960424
Other publication DR 9191639 960418
Other publication A 2159957 960407
Other publication AU 3308695 960418.
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/organism="unidentified"
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Sequence 65 from patent US 6495319.
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Sequence 55 from Patent EP0705842.
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A52265.1 GI:2852047
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                                                                                                                                                                                                                                       Knappik, A., Pack, P., Ilag, V., Ge, L., Moroney, S. and Plueckthun, A. PROTEIN (POLY) PEPTIDE LIBRARIES
PATENT: WO 9708320-A 363 06-MAR-1997;
MORPHOSYS PROTEINOPTHERING (DE)
LOCATION/QUALIFIERS
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Goodfellow, P.N.
METHOOS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PATENT: WO 744485-A 25 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
Location/Qualifiers
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1 (bases 1 to 18)
Karn,J., Gait,M.John., Heaphy,S. and Dingwall,C. RNA. oligonnelectides that bind HIV tat protein Patent: US 5821046-A 13 13-OCT-1998;
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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83.3%; Pred. No. 7.7e+02;
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Sequence 13 from patent US 5821046.
AR048072
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644" 1
Sequence 363 from Patent WO9708320.
A61054
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18 bp
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 5 g
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Best Local Similarity 83.3
Matches 15; Conservative
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AR048072
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A67605/c
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/organism='Artificial sequences'
Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3; Indels
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92.9%; Pred. No. 6.3e+02;
iive 1; Mismatches 0;
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
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Patent: WO 9202228-A 20 20-FEB-1992;
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A21030
A21030.1 GI:641332
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         E13670.1 GI:3252447
UP 1997224672-A/3.
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artificial sequences.
1 (bases 1 to 18)
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Best Local Similarity 92.9
Matches 13, Conservative
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Matches 15; Conserv
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A61054
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PAT 14-FEB-2001
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                                                            Unknown.
Unclassified.
Unclassified.
Unclassified.
Goodfellow, P.N.
Methods for identifying a mutation in a gene of interest without aphenotypic guide.
Patent: US 5994075-A 25 30-NOV-1999;
Location/Qualifiers
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1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Unclassified.

In Cases 1 to 18)

RS Karn, J., Gait, M.J., Heaphy, S. and Dingwall, C.

Vixal (HIV) growth inhibition

NAL Patent: US 6114109-A 13 05-SEP-2000;

Location/Qualifiers

18
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1 (bases 1 to 18)
Monia.P. and Cowsert,L.M.
Antisense modulation of TRADD expression
Patent: US 6077652-A 29 20-UUN-2000;
Location/Qualifiers
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Sequence 13 from patent US 6114109.
AR108975
AR108975.1 GI:12825251
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Sequence 29 from patent US 6077672.
AR098774
AR098774.1 GI:12808540
 Sequence 25 from patent US 5994075.
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a 5 c 8 g
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                           AR089743.1 GI:10016498
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Best Local Similarity 83.3
Matches 15; Conservative
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AR098774/c
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AR108975
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                                                               1.2%; Score 13.2; DB 1; Length 18; larity 83.3%; Pred. No. 7.7e+02; Conservative 0; Mismatches 3; Indels
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Cowsert, L.M.
Antisense modulation of G-alpha-11 expression
Patent: US 5951455-A 86 14-6EP-1999;
Location/Qualifiers
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Monia, B.P. and Cowsert, L.M.
Antisense modulation of AKT-1 expression
Patent: US 5958773-A 37 28.5EP-1999;
Location/Qualifiers
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Sequence 86 from patent US 5951455.
AR073446
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Sequence 37 from patent US 5958773.
AR076417
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/organism="unknown"
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Location/Qualifiers
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                                                                                                                    713 AGCCAAATTTCAGGAGCT 730
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Matches 15; Conservative
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AR076417
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AR089743/c
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Unclassified.

(bases 1 to 18)

(bubara,P.A., Blechl,A.E., Hohn,T.M. and Berka,R.M.

Nucleic acid sequences encoding cell wall-degrading enzymes and use to engineer resistance to Pusarium and other pathogens

Patent: US 6521435-A 46 18-FEB-2003;
                                                          Dates 1 to 18)
Seiberg, M., Shapiro, S.S., Cauwenbergh, G.F.M.J. and Wisniewski, S.J.
Seiberg, M., Shapiro, S.S., Cauwenbergh, G.F.M.J. and Wisniewski, S.J.
Methods for altering hair growth and hair pigmentation by apoptosis in the follicular papillage and compositions therefor
Patent: US 6407056-A 1 18-JUN-2002;
Location/Qualifiers
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Unclassified.
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I (bases 1 to 18)
Roberts,M.L. and Cowsert,L.M.
Antisense modulation of human Rho family gene expression Patent: US 6410323-A 131 25-UNN-2002;
Location/Qualifiers
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Sequence 131 from patent US 6410323.
AR215583
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Sequence 46 from patent US 6521435.
AR282287
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/organism="unknown"
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Best Local Similarity 83.3
Matches 15; Conservative
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Matches 15; Conservative
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Unclassified.

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(bases 1 to 18)

Pavco, P. McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 8367 12-FEB-2002;
                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

2 NGSWiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6346398-A 4457 12-FEB-2002;

Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
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Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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Sequence 8367 from patent US 6346398.
AR192879 GI:20238844
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7 c 4 g
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                                                             713 AGCCAAATTTCAGGAGCT 730
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18 GAGGCCAAGTCAGTTTCC 1
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           Best Local Similarity 83.3
Matches 15; Conservative
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AR214353/c
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AR188969/c
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     PAT 08-AUG-2001
                                                                                                                                      Olek,A, and Piepenbrock,C.
Method for the parallel detection of the degree of methylation of genomic dna
Patent: WO 0142493-A 14 14-JUN-2001,
Epigenomics AG (DE)
On Aug 9, 2001 this sequence version replaced gi:14598485.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Olek, A. and Piepenbrock, C.
Method for the parallel detection of the degree of methylation of
genomic dna
Patent: WO 0142493-A 15 14-JUN-2001,
Bpigenomics AG (DE)
On Aug 9, 2001 this sequence version replaced gi:14598486.
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//mol type="genomic DNA"
/db xref="texon:32630"
/note="chemisch vorbehandelte Genom-DNA"
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/nofe="chemisch vorbehandelte Genom-DNA"
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Sequence 15 from Patent WO0142493.
AXI75026.2 GI:15142045
18 bp
Sequence 14 from Patent WO0142493,
AX175025
AX175025.2 GI:15142044
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Sequence 9 from Patent WO0183736.
AX320839
AX320839.1 GI:17902391
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AX175026
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
1..18
/note="downstream amplification primer 5-15 for SEQ 31,
   Gaps
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Unclassified.

1 (bases 1 to 18)

Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density dissequilibrium map of the human genome Patent: US 637751-A 5061 25-MAR-2003;

Location/Qualifiers
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larity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 18;
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Pachods of genetic cluster analysis and use thereof
Petnat: W0 0129257-A 157 26-APR-2001;
GENSET (FR)
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                                                                                                                                             linear
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Sequence 5061 from patent US 6537751.
AR293326 AR293326.1 GI:31680610
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                                817 GTACTGTGGGTGCTGAAG 834
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C)
   15; Conservative
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PAT 06-JUL-2002
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Method for making probe support and apparatus used for the method
Patent: Ep 1188475-A 5 20-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="espenomic DNA"
/db xref="espenomic DNA"
/db xref="espenomic DNA"
/note="Oligonucleotide probe for hybridization assay."

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Terminal labeled probe array and method of making it
Patent: EP 1213361-A 99 12-UNN-2002;
CANON KABISHIKI KAISHA (JP)
Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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ilarity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3;
             1. 18
/organism="synthetic construct"
/mol type="genomic DNA"
/db xref="taxon:32630"
/note="sample oligonuclectide"
a S c 6 g
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/mol_type="genomic DNA"
/db_Xref="taxon:32630"
/nofe="Synthesized"
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20guence 39 from Patent EP1213361.
AX433815
AX453815.1 GI:21713484
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Sequence 5 from Patent BP1188475.
AX398509
Location/Qualifiers
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Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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AX453815
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AX398509/c
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                              DNA stage, Flaviviridae;
                                                                       Pellerin, C. and Kukolj, G.
Internal de novo initiation sites of the hcv ns5b polymerase and
use thereof
Patent: WO 0183736-A 9 08-NOV-2001;
BOEHRINGER INGELHEIM (CANADA) LTD. (CA)
Location/Qualifiers
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Patent: EP 1184467-A 39 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method for sequencing using probe arrays
Patent: BP 1184468-A 39 06-WAR-2002;
CANON KABUSHIKI KAISHA (JP)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"
5 c 6 g 5 t
 Hepatitis C virus
Hepatitis C virus
Viruses; ssRNA positive-strand viruses,
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/organism="Hepatitis C virus"
/mol type="genomic DNA"
/db_xref="taxon:11103"
? C 2 g 5 t
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Sequence 39 from Patent EP1184468.
AX391658
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artificial sequences.
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Best Local Similarity 83.3'
Matches 15; Conservative
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AX391658
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PAT 18-SEP-2002
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JP 2001321190-A/2181
20-NOV-2001
12-MAR-2001
BIICH SORDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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A method of arraying genome clone
Patent: JP 200121190-A 2181 20-NOV-2001;
PHE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS.
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synthetic construct
artificial sequences.

1 (bases 1 to 18)
Yamamoto,N., Okamoto,T., Suzuki,T. and Tanaka,S.
Method for screening mutated gene
Patent: JP 2002071687-A 39 12-MAR-2002;
                                                                                      Score 13.2; DB 1;
Pred. No. 7.7e+02;
0; Mismatches 3;
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a 10 c 2 g 2 t
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 5 c 6 g 5 t
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Method for screening mutated gene.
BD133661
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JP 2002071687-A/39.
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1 (bases 1 to 18)
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Best Local Similarity 83.3
Matches 15; Conservative
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Probe-coupling substrate, process for producing the same, probe-array, method for detecting target substance, method for specifying target substance, method for specifying base sequence of single-stranded mucleic acid in sample, and method for quantitating the target substance in the
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C12Q1/68, C12M1/00, C12N15/09, G01N33/566, C12N15/00 CC
FH Key Location/Qualifiers
1 1.18 source 1.18 /Organism='Artificial Sequence'.
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Alleie-specific primer extension assay
Patent: WO 0206864-A 12 06-SEP-2002;
Pyrosequencing AB (SE); DITEGLEWSKA, Hanna Eva
Location/Qualifiers
 Pred. No. 7.7e+02;
0; Mismatches 3;
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="primer"
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Sequence 12 from Patent W002068684.
AX535773
AX535773.1 GI:25262219
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JP 2000270896~A/40.
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synthetic construct
artificial sequences.
   Best Local Similarity 83.3%;
Matches 15; Conservative
                                            GCTGGGCCTGGCTTTCAT
                                                                         GATGGGCCTCGCGTTCAT
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Best Local Similarity
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PAT 17-JAN-2003

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BD167500 18 bp DNA linear PAT 17-JAN-2003
A method of analyzing a base sequence of a nucleic acid.
BD167500 GI:27873312
                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.

CE 1 (bases 1 to 18)

R Solution of Artificial sequences.

Terminal-labeled probe-array and method for preparing it, and return up 2002153284-A 39 28-MAY-2002;

CANON INC
OS Artificial Sequence
PD 28-MAY-2002
PP 24-NOV-2000 JP 2000357446
PI TADASHI OKANOTO, NOBUKO YAMAMOTO, TOMOHIRO SUZUKI PC CI2N15/09, CI2Q1/68, GOIN31/22, GOIN33/556, GOIN37/00, PC CI2N15/00

CC Description of Artificial Sequence:Synthesized FH Key
                                                                                              BD161005
Terminal-labeled probe-array and method for preparing it, and method for evaluating target mass using the same.
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synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)

Yamanoto,N., Okamoto,T. and Suzuki,T.
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence
CANON XK,NOBUNO YAMANOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI
OS Artificial Sequence
PP 25-ARR-2002
PP 18-OCT-2000 WO 2000JD007244
FI NOBUKO YAMANOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI
CIZNIS/09,C1201/68.GGIN33/56.GGIN33/53
CC Sample origonucleotide
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description of Artificial Sequence:Synthesized FH
Location/Qualifiers
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Location/Qualifiers
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larity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD161005.1 GI:27866763
JP 2002153284-A/39.
1 GATGGGCCTCGCGTTCAT 18
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Matches 15; Conserv
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BD167500
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BD161005
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                       A Arrificial Sequence
N JP 2002071687-A/39
N JP 2002071687-A/39
31-AUG-2000 JP 2000263396
I NOBUKO YAWAMOTO, TADASHI OKAMOTO, TOWOHIRO SUZUKI, SHINYA TANAKA
GOLN33/53, C12M1/00, C12N15/09, C12Q1/68, G01N31/22, G01N33/566, PC
C12N15/00
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JP 2002065274-A/43
05-WAR-2002
31-AVG-2000
JP 2000263395
NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI, AKIRA SHIMIZU
C12N15/09, C12M1/00, C12M1/40, C12Q1/68, G01N31/22, G01N33/53, PC
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BD135739.1 GI:23230684

JP 2002065274-A/43.

Synthetic construct

artificial sequences.

I (bases I to 18)

Yamamoto, N., Okamoto, T., Suzuki, T. and Shimizu, A.

Method for detecting subjective component in specimen sample, and Batent: JP 202065274-A 43 05-MAR-2002;

CANON INC
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/organism='Artificial Sequence'
Location/Qualifiers
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13.3%; Pred. No. 7.7e+02;
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83.3%; Fred. No. 7.7e+02;
cive 0; Mismatches 3;

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    forganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"

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/organism="synthetic construct"
/organism="genomic DNA"
/db_xref="taxon;32630"
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in Table 1
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Best Local Similarity 83.3
Matches 15, Conservative
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N JP 2002318232-A/5
D 31-OCT-2002
F 18-SEP-2001 JP 2001283190
I HIDENORI WATANABE, TADASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO
SUZUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 18)
Watanabe, H., Okamoto, T., Yamamoto, N. and Suzuki, T.
A method of preparing a probe array and a device used therefor Patent: JP 2002318232-A 5 31-OCT-2002;
CANON INC
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 PN JP 2002306166-A/39
PD 22-OCT-2002
PP 31-AUG-2002
PP 31-AUG-200263506
PP 10-BUKO YAMAMOTO, HISASHI OKAMOTO, TOMOHIRO SUZUKI
C12N15/09, C12Q1/68//C12M1/00, C12N15/00
CC Sample origonucleotide
FH Key 1. 18
FT source 1. 18
/organism='Artificial Sequence'.
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/organism='Artificial Sequence'
Location/Qualifiers
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Location/Qualiflers
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83.3%; Pred. No. 7.7e+02;
iive 0; Mismatches 3;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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C12N15/09,C12M1/00,G01N33/53,G01N33/566,G01N37/00,C12N15/00
Oligonucleotide probe for hybridization assay. FH Key
Location/Qualifiers
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synthetic construct
artificial sequences.

1 (bases 1 to 18)
Yamancto,N., Okamoto,H. and Suzuki,T.
Method of analyzing nucleic acid base sequence
Patent: JP 2002306166-A 39 22-OCT-2002;
OS Artificial Sequence
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Method of analyzing nucleic acid base sequence.
BD176983
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ilarity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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JP 2002253251-A/5.

synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 18)

Kaneko, M. and Watanabe, H.

A method of preparing a probe array

Patent: JP 200253251-A 5 10-SEP-2002;

CANON INC

SANON INC

SANON INC

SP Artificial Sequence

PD 10-SEP-2001

PP 28-PEB-2001 JP 2001055972

PI MINBO KANEKO, HIDENORI WATANABE

PC C12N15/09, C12M1/00, G01N33/53, G01N33/53
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Location/Qualifiers
1. 18
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002306166-A/39.
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BD176983
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PAT 04-DEC-1998
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Unclassified.
1 (bases 1 to 13)
Pesonen, U., Koulu,M., Linnoila,M., Goldman,D. and Virkkunen,M.
Allelic variation of the serotonin 5HT7 receptor
Allelic variation of the 90-JUN-1998;
Patent: US 5763183-A 4 09-JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unkurantied.
Unclassified.
1 (bases 1 to 13)
Pesonen,U., Koulu,M., Linnoila,M., Goldman,D. and Virkkunen,M.
Pesonen,U. variation of the serotonin 5HT7 receptor
Allelic variation of the serotonin 5HT7 receptor
Patent: US 5763183-A 3 09-JUN-1998;
                                                                                                                                                                                                                    Gaps
                                                      (Dases 1 to 18)
Moos, M. Jr., Krinks, M. and Wang, S.
Production and use of anti-dorsalizing morphogenetic protein
Patent: US 5693/79-A 28 02-DBC-1997;
Location/Qualifiers
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1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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Sequence 4 from patent US 5763183.
AR012010
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AR012009
AR012009.1 GI:3969999
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AR012010/c
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AR012009/c
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         synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)
Nagamine, K.
Nagamine, K.
Natificial Sequence
OS Artificial Sequence
NO 0209538-A 13 14-NOV-2002;
BIXEN CHEMICAL CO LTD, KENTARO NAGAMINE
OS Artificial Sequence
NO 0209538-A/13
PD 14-NOV-2002
PF 08-MAY-2002 WO 2002JP004479
PF 08-MAY-2001 UP 01P 137060,18-JUN-2001 JP 01P 184131 PI
KENTARO NAGAMINE
C CL2NIS/09,C12Q1/68
CC Description of Artificial Sequence:an artificially synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PAT 03-APR-1998
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Unclassified.
Unclassified.
1 (bases 1 to 18)
Sherwin, S., Klapholz, S. and Skoultchi, A.
Gene manipulation and expression using genomic elements
Patent: US 5778461-A 27 26-NOV-1996;
Location/Qualifiers
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Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
trive 0; Mismatches 3;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 28 from patent US 5693779.
178713
178713.1 GI:3014867
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Sequence 27 from patent US 5578461.
129841 13:1820632
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178713/c
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PAT 07-SEP-2000
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Method for identifying nucleic acids by means of matrix-assisted
laser desorption/ionisation mass spectrometry
Patent: WO 992998-A 12 17-JUN-1999;
MAX PLANCK GESELLSCHAFT (DE); BERLIN KURT (DE); GUT IVO GLYNNE
(DE); LEHRACH HANS (DE)
Location/Qualifiers
Fusion protein comprising an eIF-4E domain and an eIF-4G domain joined by a linker domain Patent: US 6363199-4 6 09-APR-2002; Location/Qualifiers
                                                                                                                                                      Gaps
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                                                                                                                      Query Match 1.2%; Score 13; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 6.4e+02; Matches 13; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/organism="synthetic bNA"
/mol type="genomic bNA"
/db_xref="raxon:32630"
/note="artificial sequence"
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Unclassified.
1 (bases 1 to 13)
Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 19 06-AUG-2002;
                                                                                                                                                                                                                                                                                      13 bp 1
Sequence 19 from patent US 6429300.
AR222459
AR222459.1 GI:23329990
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Sequence 12 from Patent W09929898.
AX021144 GI:10044796
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Best Local Similarity 100.
Matches 13; Conservative
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AR222459
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1 (bases 1 to 13)

Guegler, K., Tan,R. and Rose,M.J.

Methods and compositions for producing full length cDNA libraries

Patent: US 6326175-A 6 04-DEC-2001;

Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 13)
Horie, R. and Inhiguro, T.
Optically active DNA probe having phosphonic diester linkage
Patent: US 6211354-A 1 03-APR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Sequence 6 from patent US 6326175.
AR179431
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Sequence 6 from patent US 6369199.
AR205695 GI:21503343
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Guegler, K., Tan, R. and Rose, M.J.
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AR205695/c
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// organism="synthetic construct"
// nol_type="genomic DNA"
// db_xref="taxon:32630"
// in .13
// note="Biotin molety attached at 3' end of sequence.
Has phesphorothicate and phesphodiester chimeric backbone with phosphodiester on 3' end."
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 868 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Cyclobexene nucleic acids
Patent: WO 0149687-A 25 12-JUL-2001;
K.U. LEUVEN RESEARCH & DEVELOPMENT (
Location/Qualifiers
                              AX104676 13 bp I
Sequence 868 from Patent WO0122972.
AX104676
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Sequence 25 from Patent WO0149687.
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Sequence 26 from Patent WO0149687.
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 867 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Detection system for separating constituents of a sample and production and use of the sam
Patent: WO 0011A1-A 4 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Sequence 867 from Patent WO0122972.
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Squence 4 from Patent W00071747.
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AX046405.1 GI:12225569
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AX048405/c
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PAT 15-JAN-2003
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    .13
/organism="synthetic construct"
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/db xref="taxon:32630"
/noTe="Has phosphodiester backbone."

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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 867 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/note="Conjugated to FITC moiety."
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                                                            Patent: WO 0197843-A 836 27-DEC-2001,
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
LOCATION/Qualifiers
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Sequence 867 from Patent W002053141.
AX547728
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphodiester backbone"
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Methods for enhancing antibody-induced cell lysis and treating
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
LOCATION/Qualifiers
                                                                                                 Wang, J. and Herdewijn, P.
Cyclohexene nucleic acids
Patent: WO 0149687-A 26 12-JUL-2001;
K.U. LEUVEN RESEARCH & DEVELOPMENT (BE)
Location/Qualifiers
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AX355808.1 GI:18620476
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Sequence 835 from Patent WO0197843.
AX355807
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PAT 08-AUG-2001
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CO7H21/04,C12N15/09,C12Q1/68,C12Q1/68,G01N21/78,G01N33/50, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown.
Unclassified.
1 (bases 1 to 14)
Georgiev,G.P., Kiselev,S.L., Prokhorchouk,E.B. and Ostermann,E. Nucleic acid encoding tag7 polypeptide
Patent: US 6172211-A 3 09-JAN-2001;
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Ryulchi, H. and Takahiko, I.
Ryulchi, H. and Takahiko, I.
BNA probe having optically active diphosphonate bond perent: JP 1999322783-A 2 24-NOV-1999;
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1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Sequence 130 from patent US 6225054.
AR147961.1 GI:15112051
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Seguence 3 from patent US 6172211.
AR124885
AR124885.1 GI:14110246
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PN 7P 199322783-A/2
PN 7P 199322783-A/2
PF 64-NOV-1998 JP 19981233
PR RYUICH HORIE,TAKAHIKO
PC C07H21/04,C12N15/09,C12
PC G01N33/566,G01N33/58
CC G01N33/566,G01N33/58
FT source 1.13
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AR147961/c
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AR124885/c
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DN JP 199932783-A/1
PN JP 199932783-A/1
PD 24-NOV-1999
PP 06-MAY-1998 JP 1998123298
PR RYUICH HORIE, TAKAHIKO ISHIGURO
PC CO7H21/04, C12N15/09, C12Q1/68, C12Q1/68, G01N21/78, G01N33/50, PC
G01N33/533,
                                                                   1..13
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/organism="genomic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Has phosphorothioate and phosphodiester chimeric backbone with phosphodiester on 3' end."
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UP 199932783.4/1.
Synthetic construct
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I (bases 1 to 13)
Synichi, H. and Takahiko, I.
DNA probe having optically active diphosphonate bond
TOSOH CORP.
TOSOH CORP.
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DNA probe having optically active diphosphonate bond.
E66853
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Unclassified.
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Fatio 14)
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 19 23-OCT-2001;
Location/Qualifiers
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Sequence 130 from patent US 6423496.
AR219685
AR219685.1 GI:23323863
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Location/Qualifiers
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AR225431
AR225431.1 GI:27263377
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Sequence 19 from patent US 6306624.
ARI74029
ARI74029.1 GI:17914349
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AR225431/c
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AR174029/c
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                                      1 (bases 1 to 14)
Frudakis,T.N., Smith,J.M. and Reed,S.G.
Compositions and methods for the treatment and diagnosis of breast cancer
Patent: US 6225054-A 130 01-MAY-2001;
Location/Qualifiers
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Petkovich, P.Martin., White, J.A., Beckett, B.R. and Jones, G.
Retinoid metabolizing protein
Patent: 10 S 630664-A 16 23-0CT-2001,
Location/Qualifiers
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 630664-A 18 23-0CT-2001,
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iive 0; Mismatches 0; Indels
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ARI74026
ARI74026.1 GI:17914346
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/organism="unknown"
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E tubin, J.S., Uren, A., Horwood, N.J., Gillespie, M.T., Kay, B.K. and Weisblum, B.
Sfrp and peptide motifs that interact with sfrp and methods of their use

L. Patent: WO 02055547-A 32 18-JUL-2002;

THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US); St. Vincent's Institute of Medical Research (AU)

Anolation/Qualifiers

// nolation/Qualifiers
// db_xref="taxon:32630"

// db_xref="taxon:32630"

// nole="primer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/processymmer/proc
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                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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92.9%; Pred. No. 6.8e+02;
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Sequence 32 from Patent WO02055547.
AX482598.1 GI:22317052
        0; Mismatches
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Sequence 47 from Patent W00172295.
AX321516
AX321516.1 GI:17905576
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Homo sapiens
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Reed, S.G., Lodes, M.J., Mohamath, R. and Secrist, H. Compounds for therapy and diagnosis of lung cancer and methods for
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Unclassified.
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Polymorphic repeats 48 4 29-0CT-2002;
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 6.8e+02;
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Patent: US 644425-A 47 03-SEP-2002;
Location/Qualifiers
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Sequence 130 from Patent WO0190152.
AX316793
AX316793.1 GI:17899884
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AX316793/C
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RESULT 766
AR241806/c
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PAT 27-AUG-2002
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DD0732698A/11

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DD07321700

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D073217
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Sulshelm,K., Hosier,S. and Kubbies,M.
Foldsten to 14)

Sulshelm,K., Hosier,S. and Kubbies,M.
Foldsten of novel aging factor gene P23

Patent: UP 201512698-A 8 28-AuG-2001;
UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 201512698-A/8
PD 28-AuG-12698-A/8
PP 05-AuG-1299 UP 2000506375
PR 08-AuG-1997 US 08/908873
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
C1201/68, COTK14/435, COTK16/18, C12N1/15, C12N1/19, C12N15/09, PC
C1201/02,
PC C1201/03, C12N15/00
CC Strandedness: Single,
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
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Isolation of novel aging factor gene P23.
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unidentified
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Patent: WO 02103014.A 25 27-DEC-2002;
Al-Mahmod, Salman (FR)
Location/Qualifiers
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Zis-sr nucleic acid and amino acid sequences involved in the regulated secretory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 27 08-AUG-2002;
Universite de Sherbrooke (CA)
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                                                                                                                                                    Sequence 27 from Patent WO02061082.
AX642209
                                                                                                                                                                                                                                  AX642209.1 GI:28474657
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SOURCE
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RESULT 771 AX659631/c LOCUS

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AUTHORS TITLE REFERENCE

JOURNAL

FEATURES

BASE COUNT

Best Loca Matches

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RESULT 772 BD073883/c

BASE COUNT

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Gaps

BASE COUNT

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FEATURES

ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

FEATURES

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1 (bases 1 to 14)

Georgiev, G. Kiselev, S., Prokhorchouk, E. and Ostermann, E.
Tumor proliferation inhibition- and apoptosis-associated gene and
polypeptide and method of using the same
Datent: JP 2001509384-A 3 24-JUL-2001,
BOEHRINGER INGELHEIN INTERNATIONAL GMBH
OS Unidentified
RN JP 2001509384-A/3
PD 24-JUL-2001
PP 10-JUL-1999 JP 200502182
PR 11-JUL-1997 US 08/893764
PI GEORGII GEORGIEV, SERGEI KISELEV, EGOR PROKHORCHOUK, ELINBORG PI
OSTERMANN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD084126
Polymorphisms and new genes in the region of the human hemochromatosis gene.
BD084126
BD084126.1 GI:22629736
JP 200152563-A/14.
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens (bordata; Craniata; Vertebrata; Euteleostom; Mammalla; Eutherra; Primates; Catarrhini; Hominidae; Homo.
I (bases I to 14)
Peder, J. N., Kronmal, G. S., Lauer, P. M., Ruddy, D. A., Thomas, W. J., Truchilashi, Z. and Wolff, R. K.
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PD 11-DEC-2001

PD 11-DEC-2001

PF 30-SEP-1997 JP 1998516815

PR 01-OCT-1996 US 08/724394,07-MAY-1997 US 08/852495 PI

WINSTON W FEDER, GREGORY S KROMMAL, PETER M LAUBR, DAVID A RUDDY, PI

WINSTON J THOWAS, ZENTA TSUCHIHASHI, ROGER K WOLFF PC

COTHAL/04,012Q1/68,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,012N15/63,
                                                                                                                                                                                                                                                                                                                                                                                            PC C12N15/09, A61K15/76, A61K18/00, A61K48/00, A61P15/00, C07K14/525, PC C12N15/09, A61K18/10, C12N2/10, C12P21/02, C12P21/08 PC C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12P21/08 PC C12N15/00, A61K17/02, C12N5/00

CC Tumor proliferation inhibition- and apoptosis-associated gene and and method of using the same cC polypeptide and method of using the same pr Key Location/Qualifiers

FT source Location/Qualifiers

FT source Coganism='Unidentified'.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Homo sapiens (human)'.
Location/Qualifiers
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Pred. No. 6.8e+02;
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BD084126/c
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BD078858 I GI:22624461

DP 2001509384-A/3.

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OS UNIdentified
PN JP 2001512698-A/14
PD 28-AUG-2001
PF 05-AUG-1999 UP 2000506375
PR 08-AUG-1997 US 08/908873
PI KAREN SUISHELM SUZANNE HOSIER, MANFRED KUBBIES PC C1201/68, COTK14/435, COTK16/18, C12N1/15, C12N1/19, C12N15/09, PC C1221/08, C12N15/09
CC Strandednese: Single;
CC Strandednese: Single;
CC Topology: Linear: CC Topology: Linear: Location/Qualifiers
FT Source Location of novel aging factor gene P23
FT Source Location/Qualifiers
FT Source /organism='Unidentified'.
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Suishelm, K., Hosier, S. and Kubbies, M.
Suishelm, K., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 14 28-AUG-2001;
UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/14
PD 28-AUG-2001
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100.0%; Pred. No. 6.8e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 6.8e+02;
iive 0; Mismatches 0;
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Isolation of novel aging factor gene P23.
BD073889
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JP 2001512698-A/14.
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VERSION
KEYWORDS
SOURCE
ORGANISM
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BD073889/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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BD078858/c
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us09904568-1.rge

BASE COUNT

BD084336/c

REFERENCE AUTHORS TITLE

JOURNAL

COMMENT

FEATURES

RESULT 777

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BD176797, GI:29122509

WO 02074951-A/44.

Synthetic construct

synthetic construct

synthetic construct

artificial sequences.

I (Bases it to 14)

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

method of analyzing gene expression

patent: WO 02074951-A 44 26-SEP-2002;

KUNTHACA HIROSE,JUN SAKAI

OS Artificial Sequence

NO 02074951-A/44

PD 26-SEP-2002

PP 13-MAR-2002 WO 2002UPD002338

PP 13-MAR-2001 UP 01P 073959

PI MIKIO YAMANOTO,NAOKI YAMANOTO,KUNITAKA HIROSE,JUN SAKAI PC

CLINIS/09,CI1201/68

CC Synthetic DNA

FW Key

I . 14

FT SOURCE

I . 14

FT SOURCE

CO Synthetic DNA

FT FOLCATION/Qualifiers

FT FOLCATION/ORDISSION

FT FOLCATIO
                       E 1 (bases 1 to 14)

S Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Detent: Wo 02074951-A, 43 26-5EP-2002;
KUNEHA CHEMICAL INDUSTRY CO LTD, MIKIO YAMAMOTO, NAOKI YAMAMOTO,
KUNEHA CHEMICAL INDUSTRY CO LTD, MIKIO YAMAMOTO, NAOKI YAMAMOTO,
KUNEHARA HIROSE, JUN SAKAI
OS Artificial Sequence
PN WO 02074951-A/43
PD 26-5EP-2002
PF 13-MAR-2002 WO 2002UP002338
PR 15-MAR-2001 JP 01P 073359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DNA linear PAT 18-MAR-2003
for identifying expressed gene and
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ce 1.14
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
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BD176796 BD176796 BD176796 WO 02074951-A/43.

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JP 2001521384-A/129.
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l (Dases I to 14)
Frudakis, T.M., Smith, J.M. and Reed, S.G.
Compositions and methods for the treatment and diagnosis of breast
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Compositions and methods for the treatment and diagnosis
breast cancer
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100.0%; Pred. No. 6.8e+02;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Yamamoto,M., Yamamoto,N., Hirose,K. and Sakai,J.

Somewoto,M., Yamamoto,N., Hirose,K. and Sakai,J.

Somewoto,M., Yamamoto,N., Hirose,K. and Sakai,J.

Notorating constructing constructions. Autificial Sequence

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/organism='Artificial Sequence'
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Summerco, M., Yamamoto, N., Hirose, K. and Sakai, J.

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Method of constructing cDNa tag for identifying expressed gene and method of analyzing gene expression
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KUNITAKA HIROSE, JUN SAKAI

SA Artificial Sequence

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/organism="synthetic construct"
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BD176802/c
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BD176798
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PAT 21-FEB-2003
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                                                                                                                                                                                                                                      Unknown.
Unknown.
Unclassified.
I (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 612267-A 359 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Stinchcomb, D.T., Dudycz, D.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Dazper, K.G., Kisich, K., Matulic-Adamic, J., Moswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.W., Sweegler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 13; Conservative 0; Mismatches 0;
   Best Local Similarity 100.0%; Pred. No. 7.2e+02; Matches 13; Conservative 0; Mismatches 0;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                     AR113913 15 bp DN
Sequence 359 from patent US 6132967.
AR113913
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Sequence 332 from Patent EP1260586.
AX633193 AX633193.1 GI:28468807
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/mol_type="mRNA"
/db_xref="taxon:32644"
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/organism="unknown"
0 c 1 g
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AR113913/c
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                                                     Unknown.
Unknown.
Unclassified.
I (bases 1 to 15)
Draper,K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5865253-A 418 09-FBB-1999;
Location/Qualifiers
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Unclassified.
Unclassified.
Unclassified.
Unclasses 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6122966-A 418 17-0CT-2000;
Patent: US 6122966-A 418 17-0CT-2000;
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Unknown.
Unknown.
Unclassified.
I (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 359 17-NOV-1998;
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 0;
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Sequence 359 from patent US 5837542.
AR056155
AR056155.1 GI:5981732
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   AR033652
AR033652.1 GI:5949257
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AR113474/c
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AR056155/c
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Patent: JP 2002501376-A 391 15-JAN-2002;
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                                                                                                                                                                                                                                                                            Novel LDL-receptor.
BD106376
BD106376
1 GI:22201194
JP 2002501376-A/391.
Chlamydia Sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 16)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DE 2002501376-A/391
PD 15-APA-2002
PP 15-APA-2002
PP 15-APA-1999 JP 1998543635
PR 15-APR-1997 US 60/048740 PI
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HANMOND, PATRICIA HEX
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17, A61K39/35,
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cive 0; Mismatches 0; Indels
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Sequence 2177 from patent US 6346398.
AR186689 AR186689.1 GI:20232654
 LDL-receptor
Patent: US 6555654-A 423 29-APR-2003;
Location/Qualifiers
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    .16
    /organism="Chlamydia sp."
    /mol_type="genomic DNA"
    /db_xref="taxon:35827"

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/organism="unknown"
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Topology: Linear;
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BD106376/c
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Unclassified.
1 (bases 1 to 16)
1 cox,R.D., Gerhold,D.,
1 modd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Unclassified.
1 (base1 to 16)
1 (base1 to 16)
1 (base1 to 16)
1 (base1 to 16)
Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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                                                                                                                                                         1 (Jasses 1 to 15)
Draper,K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 418 11-MAR-1997;
Location/Qualifiers
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Pred. No. 7.2e+02;
0; Mismatches 0;
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                                    Patent: US 6545137-A 423 08-APR-2003;
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Sequence 423 from patent US 6545137.
AR305465.
AR305465.1 GI:31694775
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2180 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Machd and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2547 12-PEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2179 12-FEB-2002;
Location/Qualifiers
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(bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2178 12-FEB-2002;
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2177 12-FEB-2002;
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 0;
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Sequence 2179 from patent US 6346398.
AR186691.1 GI:20232656
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 1335 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptodis and/or virus resistance and their use as medicines
Medicines
Patent: WO 03025175-A 2026 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/db_xref="taxon:10090"
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Sequence 1335 from Patent
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398.4 6062 12.FEB-2002;
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2228 from Patent WO03004526.
AX673783 GI:29332131
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3171 from Patent W003025176. AX725484
AX725484.1 GI:30504827
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Length 17;

PAT 08-MAY-2003

linear

Length 17;

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Unknown.
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I (bases I to 18)
Balch, W.J. and Hogan, M.E.
Methods for fabricating an array for use in multiplexed biochemical
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E 1 (bases 1 to 18)
S Monia, B.P. and Cowsert, L.M.
Antisense modulation of Smad7 expression
AL Patent: US 6155697-A 10 12-DEC-2000;
Location/Qualifiers
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100.0%; Pred. No. 8.2e+02;
tive 0; Mismatches 0;
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Gil,D.W. and Regan,J.W.
Human B93, proctaglandin receptor
Patent: US 6197933-A 9 06-MAR-2001;
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Sequence 24 from patent US 6312960.
AR177758 1 GI:17920113
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Sequence 10 from patent US 6159697.
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Sequence 9 from patent US 6197933.
AR138253 GI:14479762
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1 6 c 5 g
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and 27-WAR-2003, Patent: WO 30302177-A 3718 27-WAR-2003, Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use Patereof as medicaments and/or resistance to viruses and the use Patent: WO 03025177-A 859 27-MAR-2003;
Molecular Engines Laboratories (FR)
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100.0%; Pred. No. 7.9e+02;
tive 0; Mismatches 0;
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Sequence 859 from Patent WO03025177.
AX735269
                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
3 a l c l g 2
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Homo sapiens
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Process and compositions for peptide, protein and peptidomimetic synthesis
Synthesis
Patent: WO 02059293-A 46 01-AUG-2002;
Forster, Anthony C. (US) ; Blacklow, Stephen C. (US)
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1803 06-OCT-1998;
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Matches 13; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="FROM SYNTHETIC DNA"
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synthetic construct
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Matches 14; Conservative
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Unclassified.
1 (Dases 1 to 18)
Balch,W.J. and Hogan,M.E.
Methods for fabricating an array for use in multiplexed biochemical
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1 (bases 1 to 18)

Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K.,

Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid

molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method

Patent: 18 6492121.14, 44 10-DEC-2002;

Location/Qualifiers
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100.0%; Pred. No. 8.2e+02;
iive 0; Mismatches 0;
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Patent: US 6312960-A 24 06-NOV-2001;
Location/Qualifiers
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Patent: US 6479301-A 24 12-NOV-2002;
Location/Qualifiers
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Sequence 44 from patent US 6492121.
AR264960
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Sequence 24 from patent US 6479301.
AR254046 AR254046.1 GI:27302559
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1 (bases 1 to 17)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G.
Kincaid, K.W.,
Method for evaluating oligonucleotide probe sequences
Patent: US 6251888-A 112 26-UN-2001;
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.4e+02;
ive 0; Mismatches 2;
                                                                                                                                          Unclassified.

(I (bases 1 to 17)
Elledge, S.J. and Sanchez, Y.
Mammalian checkpoint genes and proteins
Patent: US 6218109-A 14 17-APR-2001;
Location/Qualifiers
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1 (bases 1 to 17)

Elledge,S.J. and Sanchez,Y.

Mammalian checkpoint genes and proteins
Patent: US 6307015-A 14 23-OCT-2001;

Location/Qualifiers
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ARIS6490.1 GI:16220532
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Sequence 14 from patent US 6218109.
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AR145688.1 GI:15108877
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AR174512
AR174512.1 GI:17914832
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1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1805 06-OCT-1998;
Location/Qualifiers
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Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: 18 5817796-A. 2149 06-0CT-1998;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5' linked adenylate residues
Patent: US 5817796-A 2433 06-OCT-1998;
                                                                                                                            1.2%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 8.4e+02; tive 0; Mismatches 2; Indels
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Sequence 2149 from patent US 5817796.
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AR047356.1 GI:5968821
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UnClassified.

1 (bases 1 to 17)

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1 (bases 1 to 17)

2 (bases 2 to 17)

3 (bases 2 to 18)

4 (bases 3 to 18)

5 (bases 4 to 18)

6 (bases 5 to 18)

7 (bases 6 to 18)

8 (bases 7 to 18)

8 (bases 7 to 18)

8 (bases 8 to 18)

8 (bases 8 to 18)

8 (bases 9 to 18)

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8 (bases 10)

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1 (bases 1 to 17)

2 (bases 1 to 17)

2 McWiggen, J., Stinchcomb, D. and Escobedo, J.

3 McKind and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 3751 12-FEB-2002;

Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398—A 2822 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)
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1 wGswiggen,J., Stinchcomb,D. and Escobedo,J.
Parco,P., McSwiggen,G. the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2188 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2189 12-FEB-2002;
Location/Qualifiers
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Sequence 2189 from patent US 6346398.
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Sequence 2188 from patent US 6346398.
AR186700 AR186700.1 GI:20232665
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 635094-A. 863 26 FEB-2002;
Location/Qualifiers
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S Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,
Matulic-Admic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RWise activity
AL Patent: US 6528640-A 409 04-WAR-2003;
Location/Qualifiers
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Matulic-Adam, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Syntheric Thonucleic acids with RNAse activity Patent: US 6528640-A 580 04-MAR-2003;

Location/Qualifiers
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Sequence 863 from patent US 6350934.
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1 (bases 1 to 17)
Favoo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7820 12-PEB-2002;
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1 (bases 1 to 17)

2 wick,M.G., Bdington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase

Patent: US 6350934-A 149 26-FEB-2002;

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                                                                                                      Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1170 16-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Patent: WO 0159103-A 1424 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence
MCSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Sequence 1891 from Patent WO0159103.
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Seguence 1424 from Patent WO0159103.
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.
Matulic-Adamic, U., Swedler, D. and Zinnen, S.
Synchetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 857 04-MAR-2003;
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Best Local Similarity 87.5%; Pred, No. 8.48+02;
Matches 14; Conservative 0; Mismatches 2;
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1 (bases 1 to 17)

2 Saxena, 1. M., Lin,F.C. and Brown,R.M. Jr.
Recombinant cellulose synthase
Patent: US 6541238-A 13 01-APR-2003;
Location/Qualifiers
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Seguence 1170 from Patent WO0159103.
AX215728
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Sequence 857 from patent US 6528640.
AR286485.1 GI:29724081
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1) enzyme
Patent: Wo 0157206-A 440 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3593 16-AUG-2001;
RIBOZYME HARMACEUTIALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Patent: WO 0159103-A 1940 16-AUG-2001;
RIBOZYMS PHRAMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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                     Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1891 16-AUG-2001;
RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
tive 0; Mismatches 2; Indels
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/organism="synthetic construct"

/organism="synthetic construct"

/mol_type="maxon:32630"

/noTe="Nucleic Acid"

/ noTe="Nucleic Acid"
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/mol_type="mRNA"
/db_xrsef="taxon:32630"
/note="Nucleic Add"

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artificial sequences.
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artificial sequences.
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Best Local Similarity 87.5
Matches 14; Conservative
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AX217041
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AX216498/c
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PAT 02-SEP-2002
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                         Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligomucleotides
Batent: WO 0173002-A 599 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 60004-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 1755 from Patent WO0192512.
                                                                              AX263208 17 bp I
Sequence 599 from Patent WO0173002.
AX263208
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AX263209
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                                                                                                                              AX263208.1 GI:16512007
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Homo sapiens
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Patent: WO 0157206-A 471 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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Patent: WO 0157206-A 1093 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.4e+02;
ative 0; Mismatches 2;
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1.5imilarity 87.5%; Pred. No. 8.4e+02;
14; Conservative 0; Mismatches 2;
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Sequence 471 from Patent WO0157206.
AX227099.1 GI:15556240
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/mol_type="mRNA"
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a 6 c 2 g 3 t
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Sequence 1093 from Patent WO0157206.
AX227721
AX227721.1 GI:15556862
/db_xref="taxon:32630"
                                                                                                              327 GAAGCTGTGGAGCAAC 342
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artificial sequences.
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Best Local Similarity 87.54
Matches 14; Conservative
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AX227721/c
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Oryza glaberrima
Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Twiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.

Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides

Patent: WO 0192512-A 1995 06-DEC-2001;

UNIVERSITY OF DELAWARE (US)

Location/Qualifiers
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 1996 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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/organism="oryza glaberrima"
/mol_type="genomic DNA"
/db_xref="taxon:4538" 3 t
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AX325858
                                                                                                                                                                                            /organism="Oryza glaberrima"
/mol_type="genomic DNA"
/db_xref="taxon:4538" 3 t
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Sequence 347 from Patent W00210217.
AX393417. GI:19701399
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Homo sapiens
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AX325858
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AX393417/c
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Ipomoea batatas
Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Asteridae; lamiids; Solanales; Convolvulaceae; Ipomoea.
                                                       Ipomoea batatas
Ipomoea batatas
Sukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Asteridae; lamiids; Solanales; Convolvulaceae; Ipomoea.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 1756 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                           Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
single stranded oligonucleotides
Patent: WO 0192512-A 1775 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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AX325618 43.15611.05512.05518.1 GI:18096376
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/organism="Ipomoea batatas"
/mol_type="genomic DNA"
/db_xref="taxon:4120"
'a 0 c 7 g 3 t
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/organism="Ipomoea batatas"
/mol_type="genomic DNA"
/db_xref="taxon:4120"
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Oryza glaberrima
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                   AX325617.1 GI:18096375
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Matches 14; Conserv
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AX325857/c
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AX325618/C
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1765 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Human kidhey tumor overexpressed membrane protein 1
Patent: WO 0224750-A 239 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                     Length 17;
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                                   Query Match 1.2%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.4e+02; Matches 14; Conservative 0; Mismatches 2;
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Sequence 1785 from Patent W00188124.
AX423449 AX423449. GI:21526831
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Sequence 239 from Patent WO0224750.
AX475018
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens
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AX475018/c
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Method and reagent for the inhibition of erg
REDERING 0188124-A 1613 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 188124-A 1216 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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AX422880 AX422880.1 GI:21526262
Patent: WO 0210217-A 347 07-FEB-2002;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 1613 from Patent WO0188124.
AX422277 GI:21526659
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/mol_type="mRNA"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                           /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                 Homo sapiens (human)
Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                 Length 17;
                                                                                             Zhang,J.

Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 452 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 972 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 973 28-MAR-2002;
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Sequence 972 from Patent WO0224750.
AX475751. GI:22215036
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Sequence 973 from Patent WO0224750.
AX475752
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 451 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 240 28-MAR-2002,

Aeomica, Inc. (US)

Location/Qualifiers
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Sequence 452 from Patent W00224750.
AX475231
AX475231.1 GI:22214516
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Sequence 451 from Patent W00224750.
AX475230 1G1:22214515
                                                                             Sequence 240 from Patent W00224750. AX475019
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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 17 CGTGGTTCAGCTGTTG
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Best Local Similarity 87.5
Matches 14; Conservative
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AX475230/c
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and regent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1095 14-FEB-2002;
RIBOZYME PHARMACEUTCALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Patent: WO 0211674-A 1094 14-FEB-2002;
RIBOZYME PHARMACBUTCALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 1095 from Patent WC0211674.
AX579257
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Seguence 1094 from Patent WO0211674.
AX579256
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/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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AX579257/c
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AX579256/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: EP 1239051-A 1671 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1670 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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AX532162.1 GI:25256109
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Sequence 1670 from Patent EP1239051.
AX532161.1 GI:25256107
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Aeomica, Inc. (US)
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AX532162/c
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PAT 10-JAN-2003

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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neril, B.P., Reimer, N.D., Roewer, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 716 05-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)
                                                                                                                                                                                                                                              Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel 1 (clca.1) Patent: WO 0211674-A 2141 14-FBB-2002; RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                Vertebrata; Euteleostomi;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                               Sequence 2141 from Patent WO0211674. AX580303.1 GI:27649505
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Location/Qualifiers
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AX580303/c
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Method and reagent for the inhibition of calcium activated chloride channel—1 (clca-1)
Patent: WO 0211674-A 1588 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe. A.
Method and reagent for the inhibition of calcium activated chloride channel 1 (clca-1)
Patent: Wo 0211674-A 1814 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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87.5%; Pred. No. 8.4e+02;
tive 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 1814 from Patent WO0211674.
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Sequence 1588 from Patent WO0211674.
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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AX579976.1 GI:27649178
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Matches 14; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                      Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia; Butheria, Primates; Catarrhini, Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                        Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use medicines
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Sequence 1448 from Patent EP1281758.
AX688716
                                                                                                                                                                Parent: WO 03004526-A 3088 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1447 from Patent EP1281758.
AX688715
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Tequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines

Patent: WO 03004526-A 2438 16-JAN-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 67.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3088 from Patent WO03004526.
AX674643
AX674643.1 GI:29332991
AX673435 17 bp DNA Sequence 1880 from Patent WO03004526.
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/mol_type="genomic DNA"
/db_tef="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 97.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 5357 from Patent EP1281758.
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AX692625.1 GI:29415583
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
       /mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 1448 05-FEB-2003;
Aeomica, inc. (US)
Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5262 from Patent BP1281758.
AX692530
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 3147 from Patent EP1281758.
AX690415.1 GI:29413296
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/db_ref="taxon:9606"
. ref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 3743 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
iive 0; Mismatches 2;
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Location/Qualifiers
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                                   AX725511 17 bp DNA Sequence 3198 from Patent WO03025176.
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' 5 c 5 g 5
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Mus musculus
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Nus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                       linear
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Sequence 2095 from Patent WO03025176.
                                                                                                                     DNA
                                                                                                                                                                                                                                                                                                                                                             Patent: WO 03025176-A 816 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 816 from Patent WO03025176.
                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xef="taxon:10090"
f c 6 g 5
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Matches 14; Conservative
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AX724408/c
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AX723129
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    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Moleculer MO 03025175-A 335 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualiflers
                                                           Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Batent: WO 03025176-A 5723 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour
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87.5%; Pred. No. 8.4e+02;
Live 0; Mismatches 2; Indels
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Sequence 335 from Patent WO03025175.
AX728701
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/db_xref="taxon:9606"
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AX728701
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AX729203
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                                                         Mus musculus (house mouse)
Nus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                            Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1; Length 1'
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5723 from Patent WO03025176.
AX728036.1 GI:30507379
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Location/Qualifiers
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Seguence 5071 from Patent W003025176,
AX727384
AX727384.1 GI:30506727
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Mus musculus
    AX726870
AX726870.1 GI:30506213
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AX728036
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PAT 08-MAY-2003

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                              Klomo sapiens
Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 3089 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.4e+02;
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Molecular Engines Laboratories (FR)
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Sequence 4135 from Patent
AX732501
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AX731454/c
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AX732501/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 8.46+02;
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Patent: WO 03025175-A 1245 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1245 from Patent WO03025175.
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Molecular Engines Laboratories (FR)
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             medicines
Patent: WO 03025175-A 837 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
1 3 c 7 g
                                                                                                        /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Matches 14; Conservative
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Best Local Similarity 87.5
Matches 14; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Sequences involved in phenomens of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 496 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour seversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 2966 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 2966 from Patent WO03025177.
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Sequence 496 from Patent WO03025177.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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118 AACGGGAAGAAAGGAT 133
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Best Local Similarity 87.5
Matches 14; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                . Match 1.2%; Score 12.8; DB 1; Length 17; Local Similarity 87.5%; Pred. No. 8.4e+02; les 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                  Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, suppression and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302177-A 5173 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27 and 27 AMR-2003; Molecular Engines Laboratories (FR)

Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.48+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 5173 from Patent W003025177,
AX739583
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Sequence 5183 from Patent WO03025177.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX739593.1 GI:30518890
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AX738803.1 GI:30518093
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Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                             Homo sapiens (human)
Almo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and/or resistance to viruses and the use patent: WO 03025177-A 4281 27-MAR-2003; Molecular Engines Laboratories (FR)
                                                                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 3523 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
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                                     AX737933 17 bp DNA
Sequence 3523 from Patent WO03025177.
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/mol_type="genomic DNA"
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3 c 5 g 3
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AX737933.1 GI:30517221
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WO 0151480-A/2.

SYNThetic construct
synthetic construct
artificial sequences.

1 (Dases 1 to 17)

SS Therapeutic agence
AL Patent WO 0151480-A 2 19-JUL-2001;
TAKARA SHUZO CO LID,TATSUJI ENOKI, SHUSAKU YAMASHITA, KAORI
NISHIMURA, HIROAKI SAGAWA,IKUNOSHIN KATO
OS Artificial Sequence
PN WO 0151480-A 2
PN WO 0151480-A 2
PN WO 0151480-A 2
PN HIGAL 2001
PN WO 0151480-A 2
PN HIGAL 2001
PN WO 0151480-A 2
PN HIGAL 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Designed primer based on nucleotide sequence of human prostaglandin G/H synthase-2 mRNA.
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Unclassified.
I (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 175 22-OCT-1996;
Location/Qualifiers
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Location/Qualifiers
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//organism="genomic DNA"
//mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 175 from patent US 5567809.
128003
128003.1 GI:1818779
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/organism="unknown"
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10N Enzymatic nucleic acid treatment of diseases or conditions related
10 levels of epidermal growth factor receptors.
10 200417.
11 Encountied
12 P 2001511003-A/257.
13 Akhtar, S., Pell, P. and Mcswiggen, J.A.
14 (Dases 1 to 17)
15 Akhtar, S., Pell, P. and Mcswiggen, J.A.
15 Akhtar, S., Pell, P. and Mcswiggen, J.A.
16 Respective of epidermal growth factor receptors
17 Akhtar, S., Pell, P. and Mcswiggen, J.A.
18 Akhtar, S., Pell, P. and Mcswiggen, J.A.
19 Akhtar, S., Pell, P. and Mcswiggen, J.A.
19 Akhtar, S., Pell, P. and Mcswiggen, J.A.
10 I Consensified
10 I Consensitied
11 Consens or conditions related to levels of epidermal growth factor receptors
18 Akhtar, S., Pell, P. and Mcswiggen, J.A.
19 Akhtar, S., Pell, P. and Mcswiggen, J.A.
19 Akhtar, S., Pell, P. and Mcswiggen, J.A.
10 I Consension of Englander Sangle, San
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                                                     Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 30202177.A 5183 27-WAR-2003,
Molecular Engines Laboratories (FR)
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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154062 Sequence 1803 from patent US 5646042. 154062.1 GI:2475265

RESULT 896
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RESULT 900 162755

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154408 17 bp DNA Sequence 2149 from patent US 5646042. 154408 154408.1 GI:2475611 Unknown. RESULT 898 154408/c LOCUS DEFINITION ACCESSION VERSION SEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL FEATURES

Unknown.
Unclassified.
1 (Dasss 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 2149 08-JUL-1997;
Location/Qualifiers

ö PAT 07-OCT-1997 ö Gaps ; 0 . 0 Unclassified.

1 (bases 1 to 17)

Stinchcomb,D.T. Draper,K., McSwiggen,J. and Jarvis,T.

C-myb targeted ribosymes

Patent: US 5646042-A 2433 08-JUL-1997;

Location/Qualifiers

1 17' - "...brock.m" 1.2%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 8.48+02; vative 0; Mismatches 2; Indels Length 17; linear Indels Query Match
1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Sequence 2433 from patent US 5646042. 154692.1 GI:2475895 /organism="unknown" 1. .17 /organism="unknown" 1080 TATTAAAAAAAAA 1095 718 AATTICAGGAGCTGCG 733 17 AATTTCTTGAGCTGCG 2 16 TATAAAAATAAAA 1 Query Match
Best Local Similarity 87.5
Matches 14; Conservative а С Unknown. Unknown RESULT 899 154692/c LOCUS DEFINITION ACCESSION YERSION KEYWORDS SOURCE source source ORGANISM REFERENCE AUTHORS TITLE JOURNAL BASE COUNT BASE COUNT FEATURES g d

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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels

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/organism="unknown" a 0 c 0 g

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I (bases I to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted ribozymes
Patent: US 5646042-A 1803 08-JUL-1997;
Location/Qualifiers

PAT 07-0CT-1997

PAT 07-OCT-1997 Unclassified.
Unclassified.
1 (bases 1 to 17)
Levings.C.S. III and Dewey,R.
Maize cytoplasmic male sterility type T (cms-T) mitochondria DNA
Patent: US 5660983-A 1 26-AUG-1997;
Location/Qualifiers linear DNA 17 bp Sequence 1 from patent US 5660983. 162755 162755.1 GI:2480463 Unknown Unknown DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM TITLE JOURNAL FEATURES REFERENCE AUTHORS

ô Length 17; Query Match
1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels /organism="unknown" 6 c 6 g

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PAT 04-JUN-1993 linear RESULT 901
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Query Match 1.2%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1 (bases 1 to 18)

Kistner,O., Barrett,N., Mundt,W. and Dorner,F.

Wethod for controlling the infectivity of viruses

Patent: US 5756341-A 6 26-MAY-1998;

Location/Qualifiers
                                                                                                                                                                                                                                                                         Unclassified.

I (bases I to 18)

Kistner.O., Barrett,N., Mundt,W. and Dorner,F.

Method for controlling the infectivity of viruses

Patent: US 575341.A 5 26-MAY-1998;

Location/Qualifiers
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Sequence 6 from patent US 5786341.
AR009719.1 GI:3968524
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Sequence 5 from patent US 5756341.
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AR009718/c
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AR028974/c
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Unclassified.
I (bases 1 to 18)
Kistner, O., Barrett, N., Mundt, W. and Dorner, F.
Kistner, O., Barrett, N., Mundt, W. and vaccines in serum-free culture
Method for producing viruses and vaccines in serum-free culture
Patent: US 5753489-A 6 19-MAY-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
Kistner,O., Barrett,N., Mundt,W. and Dorner,F.
Method for producing virues and vaccines in serum-free culture
Patent: US 5753489-A 5 19-MAY-1998;
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Patent: WO 9001548-A 4 22-FEB-1990;
Location/Qualiflers
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Sequence 6 from patent US 5753489.
AR008471 GI:3967580
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Sequence 5 from patent US 5753489.
AR008470 GI:3967579
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/organism="unknown"
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1 (bases 1 to 18)
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A06176.1 GI:411212
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AR008471
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PAT 30-AUG-2000
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Unclassified.
Unclassified.
Unclassified.
Soas-Pineda, B. and Gruss, P.
Method for testing the differentiation status in pancreatic cells of a mamma 5948623-A 15 07-SEP-1999;
Patent: Uccation/Qualifiers
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Unclassified.
I (bases 1 (to 18)
Sosa-Pineda, B. and Gruss, P.
Method for testing the differentiation status in pancreatic cells
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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cive 0; Mismatches 2;
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1 (bases 1 to 18)

1 (bases 1 to 28)

Ancia, B.P. and Cowsert, L.M.

Antisense modulation of AKT-1 expression

Patent: US 5958773-A 16 28-5EP-1999;

Location/Qualifiers
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Sequence 15 from patent US 6071697.
AR097239
AR097239.1 GI:12805969
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Sequence 16 from patent US 5958773.
AR076396.
AR076396.1 GI:10003142
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AR072555
AR072555.1 GI:9999319
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/organism="unknown"
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AR076396
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AR097239
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Pred. No. 8.7e+02;
0; Mismatches 2; Indels
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Unclassified.
1 (bass 1 to 18)
Gold, B.I.
Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 4 01-DEC-1998;
Location/Qualifiers
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Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 2 01-DEC-1998;
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
Unknown.
Unclassified.
1 (Classes 1 to 18)
2 chreiber, A.D. and Park, J.-G.
Method of inhibiting phagocytosis
Patent: US 5858981-A 13 12-JAN-1999;
Location/Qualifiers
Location/Qualifiers
18 Chreibers
19 Chreibers
10 Chreibers
10 Chreibers
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ARO63243.
ARO63243.1 GI:5990934
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Sequence 2 from patent US 5844110.
AR063241
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Best Local Similarity 87.5%; Pre
Matches 14; Conservative 0;
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1 (bases 1 to 18)
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1 (bases 1 to 18)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TNF-.alpha.) expression
Patent: US 6228642-A 174 08-MAY-2001;
                                                                                                                                                              Unclassified.

1 (Dases 1 to 18)

Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oilgonucleotide modulation of tumor necrosis factor..alpha. (TNF-alpha.) expression patent: US 6080580-A 176.
                                                                                                                                                                                                                                                                                                                                              Query Match 1.2%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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E 1 (bases 1 to 18)
S Linchcomb.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Nucleic acid based inhibition of LD40
AL Patent: US 6194150-A 2684 27-FEB-2001;
Location/Qualifiers
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AR150098.1 GI:15114689
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Sequence 176 from patent US 6080580.
AR100445
AR100445.1 GI:12810893
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AR134259/c
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AR100445/c
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Baker, B.F., Bennett, C.Frank, Butler, M.M. and Shanahan, W.R. Jr.
Baker, B.F., Bennett, C.Frank, Butler, M.M. and Shanahan, W.R. Jr.
Antisense oligomucleotide modulation of tumor necrosis
factor.alpha. (TWF.alpha.) expression
Fatent: US 6080580-A 175 27-JUM-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 18)

Baker, B.F., Butler, M.M. and Shanahan, W.R. Jr.,
Antisense oligonucteotide modulation of tumor necrosis
factor-.alpha (TNF.alpha.) expression
Patent: US 6080580-A 174.27-UTN-2000;
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred, No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: US 6071697-A 15 06-JUN-2000;
Location/Qualifiers
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Sequence 174 from patent US 6080580.
AR100443
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Unclassified.

1 (bases 1 to 18)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4501 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 18)
Priedman, J.M., Zhang, Y. and Proenca, R.
Modulators of body weight, corresponding nucleic acids and
proteins, and diagnostic and therapeutic uses thereof
Patent: US 6309953-A 66 30-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                          Length 18;
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87.5%; Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
0; Mismatches 2;
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AR189013
AR189013.1 GI:20234978
                DNA
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Schreiber, A.D. and Park, J.-G.
Methods of inhibiting phagocytosis
Patent: US 6243427-A 13 05-UJN-2001;
Location/Qualifiers
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Sequence 66 from patent US 6309853.
AR175666.
AR175666.1 GI:17916965
          Sequence 13 from patent US 6242427.
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Best Local Similarity 87.5
Matches 14, Conservative
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AR175666/c
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AR189013/c
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TMF-, alpha.) expression
Patent: US 6228642-A 176 08-MAY-2001;

    and Shanahan, W.R. Jr.
tumor necrosis

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Pred. No. 8.7e+02;
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                                                                    1.2%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 8.7e+02; ive 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.7e+02;
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Antisense oligonucleotide modulation of tumor factor-(.alpha.) (TNF.alpha.) expression

Patent: US 6228642-A. 175 08 MAY-2001;
Location/Qualifiers
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Sequence 176 from patent US 6228642.
AR150100
AR150100.1 GI:15114691
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8 c l g
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AR150099/c
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PAT 20-DEC-2002
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Unclassfiled.

(bases 1 to 18)

Cohen, D., Chumakov, I. and Blumenfeld, M.

Ballelic markers for use in constructing a high density disequilibrium map of the human genome

Patent: US 6537751-A 4586 25-MAR-2003;

Location/Qualifiers
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Friedman, J.M., Zhang, Y. and Proenca, R.
Ob polypeptides, modified forms and compositions thereto
Patent: US 641956.A 66 29-OCT-2002;
Location/Qualifiers
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2; Indels
                                                        Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 18)
Friedman, J.M., Zhang, Y. and Proenca, R.
OB polypeptides, modified forms and derivatives
Patent: US 6429290-A 66 06-AUG-2002;
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Sequence 4586 from patent
AR292851
 AR222324.1 GI:23329809
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1 (bases 1 to 18)

1 (bases 1 to 18)

Friedman,J.M., Zhang,Y. and Proenca,R.

OB polypeptides and modified forms as modulators of body weight Patent: US 6350730-A 66 26-FBB-2002;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
5-Lipoxygenase gene polymorphisms and their use in classifying patients
Patent: Us 6355434-A 32 12-MAR-2002;
Uccation/Qualifiers
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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Sequence 32 from patent US 6355434.
AR199411.1 GI:20249485
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Sequence 66 from patent US 6350730.
AR195242. GI:20244679
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/organism="unknown"
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AR195242/c
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AR199411/c
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AR222324/c
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RESULT 927 AR295599 LOCUS

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Wojnowski, L. and Eiselt, R. Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in diagnostic and therapeutic applications
Patent: WO 0120025-A 7 22-WAR-2001;
Epidauros Biotechnologie AG (DE)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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A method for identifying and characterizing cells and tissues
Patent: WO 9934016-A 286 08-JUL-1999;
GENENA LTD (LL); VIDER BEN ZION (LL)
Location/Qualifiers
Unknown.
SM Unknown.
Unclassified.
CE I (bases Into 18)
SR Cohen,D., Chumakov,I. and Blumenfeld,M.
E Biallelic markers for use in constructing a high density disequilibrium map of the human genome
RNAL Patent: US 6537751-A 11175 25-MAR-2003;
Location/Qualifiers
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1.2%; Score 12.8; DB 1; I
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;

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/organism="synthetic construct"

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Sequence 286 from Patent WO9934016.
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AX020786.1 GI:10044485
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 7 from Patent W00120025.
AX098700 GI:13537941
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Unclassified.

5 1 (Asses 1 to 18)
S Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome disequilibrium map of the human genome

AL Patent: US 6537751-A 7334 25-WAR-2003;
Location/Qualifiers
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1. .10m="unknown" 4 t
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 18;
     87.5%; Pred. No. 8.7e+02; Artive 0; Mismatches 2; Indels
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Unclassified.
1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a 3 disequilibrium map of the human genome
Patent: US 6537751-A 9227 25-MAR-2003;
Location/Qualifiers
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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Sequence 7334 from patent US 6537751.
AR295599
AR295599.1 GI:31662883
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Sequence 9227 from patent US 6537751.
AR297492
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Matches 14; Conservative
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RESULT 928 AR297492/c LOCUS DEFINITION

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REFERENCE AUTHORS TITLE

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PAT 30-MAY-2001
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Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their
use in diagnostic and therapeutic applications
Patent: EP 1088900-A 7 04-APR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3729 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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   87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
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/noTe="Primer"
                                                                                                                                                                   AX118606 Sequence 3729 from Patent W00129262. AX118606
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   Best Local Similarity 87.5
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AX136933/c
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Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in diagnostic and therapeutic applications
Patent: WO 0120025-A 8 22-MAR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Porcine endogenous retrovirus
Viruses; Retroid viruses; Retroviridae; Mammalian type
retroviruses; 1-Mammalian type C virus group.
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Testing xenografts and sources thereof for retrovirus
Patent: BP 1105703-A 12 13-JUN-2001;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Dopey"
                                                                                                                  Indels
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                                                                                1.2%; Score 12.8; DB 1;
llarity 87.5%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 2;
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/organism="synthetic construct"
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Sequence 8 from Patent WO0120025.
AX098701 AX098701.1 GI:13537942
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AX111962/c
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AX098701
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Altevogt,P. and Fogel,M. Diagnostic and the liadhesion biggnostic and therapeutic methods based on the liadhesion molecule for ovarian and endometrial tumors Patent: WO 0204952-A 8 17-JAN-2002, Detent: WO 0204952-A 8 17-JAN-2002, Deutsches Krebefcoschungszentrum Stiftung des Oeffentlichen Rechts (DE); MOR-RESEARCH APPLICATIONS LTD. (IL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bee, G., Kohne, D.E., Korb, L., Peterson, T. and Yguerabide, J. Assay for genetic polymorphisms using scattered light detectable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
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/note="Exemplary probe for CYP2D6 allele detection"
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: WO 0196604-A 49 20-DEC-2001;
Genicon Sciences Corporation (US)
Location/Qualifiers
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Seguence 49 from Patent W00196604.
AX427085
AX427085.1 GI:21530468
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AX427085/c
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                                  PAT 30-MAY-2001
                                                                                                                                                                                  Hustert, E., Wojnowski, L. and Eiselt, R.
Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications
Patent: EP 10889500-A 8 04-APR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/note="'Downstream primer PC2, based on P1.1. clone of DopEV'"
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Porcine endogenous retrovirus
Viruens, Retrovid viruses, Petroviridae, Mammalian type C
retroviruses, 1-Mammalian type C virus group.
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Testing xenografts and sources thereof for retrovirus
Patent: WO 0142500-A 15 14-JUN-2001;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                Length 18;
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87.5%; Pred. No. 8.7e+02;
cive 0; Mismatches 2;
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Pred. No. 8.7e+02;
0; Mismatches 2;
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/db_xref="taxon:32630"
/noTe="DNA"
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                                  DNA
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Sequence 15 from Patent W00142500.
AX175441.1 GI:14598794
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Sequence 8 from Patent WO0204952.
AX370476 QI:18857518
                                AX136934
Sequence 8 from Patent EP1088900.
AX136934
AX136934.1 GI:14273281
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87.5%; Pred
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AX370476/c
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RESULT 936
AX136934
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AX175441/c
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Gaps

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PAT 18-JUN-2002

PAT 04-APR-2003

Gaps

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BD013158
BD013158
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BD013158.1
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BD013158.1
BD013158.1
BD013158.1
SYNTHETIC CONSTINCT
SYNTHETIC CONSTINCT
ATLIFICIAL SEQUENCES.

1 (bases 1 to 18)
SYNTHETIC CONSTINCT
A gene encoding novel human secretory type phospholipase A2
BY GO 121775-A 3 1 29-MAR-2001;
BY O 0121775-A 3 1 29-MAR-2001;
BY NO 0121775-A 3 1 29-MAR-2001;
BY NO 0121775-A 3 2 266516
BY NO 0121775-A 3 2 266516
BY NO 0121775-A 3 1 29-MAR-2001;
BY NO 0121775-A 3 1 29-MAR-2001;
BY NO 0121775-A 3 1 29-MAR-2001;
BY NO 121775-A 3 1 20-MAR-2001;
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BD014809
BD014809
BD01157591-A/50.
The appiens (human)
SM Homo sapiens (human)
SM Homo sapiens (human)
SM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
SE Friedman, J.M., Zhang, Y., Proenca, R., Maffei, M., Halaas, J.L.,
Modulator of weight, corresponding nucleic acid and protein, and
diagnosis and remedy utilization thereof
Patent: JP 2001157591-A 50 12-JUN-2001;
THE ROCKEFELLER UNIVERSITY
OS Homo sapiens (human)
PN JP 2001157591-A/50
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                                                                                                     1.2%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 8.7e+02;
ive 0; Mismatches 2; Indels
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/note="Oligonukleotid"
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Best Local Similarity 87.5
Matches 14; Conservative
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BD014809/c
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BD013158
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sosa-Pineda,B. and Gruss,P.
Method for testing small pharmaceutically active molecules in the activation of part and production of insulin producing beta-cells Patent: EP 1288311-A 15 05-MAR-2003;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. (DE) Location/Qualifiers
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  Method and nucleic acids for the analysis of colon cancer Patent: WO 03014338-A 456 20-FEB-2003; Epigenomics AG (DE) Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                          1. .18
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/db_xref="taxon:32630"
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/ note="genomic Bg 6 t
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Patent: WO 02103043-A 343 27-DEC-2002;
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Location/Qualifiers
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Matches 14; Conservative
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AX710562
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1 (bases 1 to 18)
Satamoto, A., Mursae, M., Tanaka, A., Nadiruman, Hasuka and Kurane, R.,
Novel protein and gene thereof
Patent: JP 2002095477-A 5 02-APR-2002;
PT BAKRIB AND BROTHERS, JAPAN PENGKALIAN DAN PENERAPAN TEKNOLOGI,
PT BAKRIB AND BROTHERS, JAPAN BIO INDUSTRY ASSOCIATION, AGENCY OF
IND SCIENCE & TECHNOL
ON Artificial Sequence
PN JP 2002095477-A/5
PD 02-APR-2002
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JP 2001321190-A/1228
20-NOV-2001
12-MAR-2001 JP 2001068285
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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Patent: JP 2001321190-A 1228 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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A method of arraying genome clone.
BD088984.1 GI:22634594
JP 2001321190-A/1228.
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Matches 14; Conservative
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PD 12-JUN-2001
PF 29-SEP-2000 JP 2000301496
72-SEP-2000 JP 2000301496
73-SEP-2000 JP 2000301496
73-SEP-2000 JP 2000301496
73-SEP-2000 JP 2000301496
73-SEP-2000 JP 2000301496
73-SEP-2000301496
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JP 2001321190-A/162
20-NOV-2001
12-MNS-2010 JP 2001068285
BIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566,
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Patent: JP 2001321190-A 162 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA FH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism='Homo sapiens (human)'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 1.2%; Score 12.8; DB 1; Length 18; Local Similarity 87.5%; Pred. No. 8.7e+02; les 14; Conservative 0; Mismatches 2; Indels
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/organism='Artificial Sequence'
Location/Qualifiers
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Topology: Linear;
PCR primer sWSS1392 specific in sequence tag
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1. .18
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001321190-A/162.
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synthetic construct
artificial sequences.
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18 bp Established periodontal cells. BD175140

RESULT 948
BD175140/c
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REFERENCE AUTHORS TITLE JOURNAL

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73 TGTAATGCAACTGTGG 88

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PAT 03-APR-1998
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1 (bases 1 to 18)

Rudert, W.A. and Tucco, M.
Polymers of oligonucleotide probes as the bound ligands for use in reverse dot blots
Patent: US 5683872-A 101 04-NOV-1997;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PAT 29-JAN-2003
                                         PAT 06-FEB-1997
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                                                                                                                                                                                                                 Unclassified.

(bases 1 to 18)

Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.

Methods and reagents for HLA DRbeta DNA typing

Patent: US 5557809-A 174 22-OCT-1996;

Location/Qualifiers
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Unclassified.
E 1 (bases 1 to 21)
AS Tait, J.F. and Brown, D.S.
Annexin derivative with endogenous chelation sites
Annexin derivative with 27-NOV-2001;
Location/Qualifiers
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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                                 Sequence 174 from patent US 5567809.
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Sequence 101 from patent US 5683872.
172065
172065.1 GI:3008204
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Sequence 10 from patent US 6323313.
AR262475.1 GI:28073919
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/organism="unknown"
6 c 7 g
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/organism="unknown"
5 c 5 g
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172065
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Synthetic construct

SM artificial sequence.

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PF 20-SEP-2000 JP 2000285905
HASUKA, RYUICHIRO SKRAMOTO, MAKOTO MURASE, AKIRA TANAKA, NADIRUMAN PI
HASUKA, RYUICHIRO KURANE
PC C12N15/09, A01H5/00, A61K39/00, A61P31/04, C07K14/415, C12NS/10//
PC C12N15/09, A01K37/02, C12N5/00
CC Primer
FF Key
Location/Qualifiers
FT FOURCE
/ Oxganism='Artificial Sequence'.
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Description of Artificial Sequence: Oligonucleotide to act as
a primer for
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/organism='Artificial Sequence'
Location/Qualifiers
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1. .18
/organism='Artificial Sequence'
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.78+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1. 18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"

source

source

FEATURES

BASE COUNT

C12N15/09

217 CCTCTCCAGAAGTGAC 232

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RESULT

BASE COUNT

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PAT 27-AUG-2002
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C1201/68,C12N15/10
Designed oligonucleotide primer to amplify a portion of human
E2F-2 gene
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                                                                                                                                                    Unclassified.

1 (Dases 1 to 14)

Bowman,M.

Retinoid receptor-1 (RR1) and DNA encoding RR1

Patent: US 5726548-A 3 17-MAR-1998;

Location/Qualifiers
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Best Local Similarity 92.3%; Pred, No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 8 c 4 g 5 t
                                                                                                                                                                                                                                                              12
                                                              Sequence 3 from patent US 5728548.
                                                                                                                                                                                                                                             /organism="unknown"
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                                                                                                   GI:3937063
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Best Local Similarity 78.9
Matches 15; Conservative
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  13 KAAAAAAAAAA
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192593.1
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Plant-signalling Higand like proteins
Patent: WO 0196582-A 32 20-DEG-2001;
Plant Research International B.V. (NL)
Location/Qualifiers
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                        Length 21;
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1.1%; Score 12.6; DB 1; Length 1.
Best Local Similarity 92.3%; Pred. No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                     linear
                                                 2; Indels
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Pred. No. 9.6e+02;
0; Mismatches 2;
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/db_xref="texon:32630"
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Sequence 32 from Patent W00196582.
AX339537 AX339537.1 GI:18135607
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Sequence 72 from Patent EP1164193.
AX328909 AX328909.1 GI:18102042
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AX328909/c
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PAT 17-DEC-2001
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Unclassified.
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I bases.
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 14 23-0CT-2001;
Location/Qualifiers
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In (bases 1 to 14)

Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 13 23-0CT-2001,
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In (Dases 1 to 14)

S 1 (Dases 1 to 14)

S D'Andrea,A.D. and Zhu,Y.

DeUBiquitinating enzymes that regulate cell growth

AL Patent: US 6287858-A 26 11-85P-2001;

Location/Qualifiers

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Sequence 13 from patent US 6306624.
AR174023.1 GI:17914343
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Sequence 14 from patent US 6306624.
AR174024
AR174024.1 GI:17914344
      Sequence 26 from patent US 6287858.
AR168510
AR168510.1 GI:17904466
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/organism="unknown"
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Regulated genes by stimulation of chondrocytes with IL-lbeta Patent: EP 0705842-A 56 10-APR-1996;
HOBCHSY AG (DB)
Other publication ZA 9508381 960424
Other publication JP 8191693 960730
Other publication AJ 8191693 960418
Cher publication AJ 3308695 960418.
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1 (bases 1 to 14)
RODERSJJA. and Paul, W.
CONTROL POP DEHISCENCE OR SHATTER
CONTROL WO 9915681-A 3 01-APR-1999;
BIOGEWMA UK LIMITED (GB); ROBERTS JEREMY ALAN (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                            1 others
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| /organism="unidentified"
| /mol_type="genomic DNA"
| /db_xref="taxon:32644" |
| 0 c 0 g 13
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 0 c 1 g 12
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A52266
A52266.1 GI:2852046
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Sequence 3 from Patent W09915681.
A97593.1 GI:6780897
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19 GGTGAGGTGGCCAAGTCCA 1
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Best Local Similarity 92.9
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A52266/C
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AR168510/c
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PAT 15-DEC-2000
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Unclassified.

1 (bases 1 to 14)
Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 310 29-OCT-2002;
Location/Qualifiers
                                                                                                                                                      Length 14;
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BD07881.1 GI:22619484

Up 2001512698-A/6.

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1 (Dases I to 14)

Suishelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 6 28-AUG-2001;

ON UPERSITY OP WASHINGTON
OS Unidentified

PN JP 2001512698-A/6

PD 28-AUG-1998 JP 2000506375

PR 08-AUG-1997 US 08/908873
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/db_xref="taxon:32630"
/note="synthEric PEPTIDE"
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92.9%; Pred. No. 8.4e+02;
tive 0; Mismatches 1;
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92.9%; Pred. No. 8.4e+02;
tive 0; Mismatches 1;
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Isolation of novel aging factor gene P23.
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Patent: WO 0066780-A 38 09-NOV-2000;
University of Florida (US)
Location/Qualifiers
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Sequence 38 from Patent WO0066780.
AX048302
                                                                                                          /organism="unknown"
1 c 0 g
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BD073881/c
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 21 23-0CT-2001,
Location/Qualifiers
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1 (Dasses 1 to 14)
Petkovich, P.Martin., White, J.A., Beckett, B.R. and Jones, G.
Retinoid metabolizing protein
Patent: US 6306624-A 22 23-OCT-2001;
Location/Qualifiers
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      Best Local Similarity 92.9%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 310 from patent US 6472154.
AR242022.
AR242022.1 GI:27287834
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Sequence 21 from patent US 6306624.
AR174031 GI:17914351
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28-AUG-2001
05-AUG-1998 JP 2000506375
08-AUG-1997 US 08/908873
KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
1/68, CO7K14/435, CO7K16/18, C12N1/15, C12N15/09, PC
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Strandedness: Single;
Topology: Linear;
Isolation of nove;
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/oxganism='Unidentified'
Location/Qualifiers
                   Is by DNA Isolation of novel aging factor gene P23.
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Suishelm, K., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 16 28-AUG-2001;
UNIVEXSITY OF WASHINGTON
OS Unidentified
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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            BD073890/c
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Suishelm,K., Hosier,S. and Kubbies,M.

Suishelm,K., Hosier,S. and Kubbies,M.

Isolation of movel aging factor gene P23

Patent: JP 2001512698-A 7 28-AUG-2001;

UNIVERSITY OF WASHINGTON

SUINDEDITIES B-A/7

PD 28-AUG-1999 UP 2000506375

PF 08-AUG-1997 US

C1201/68,C07K14/435,C07K16/18,C12N1/15,C12N1/19,C12N15/09, PC

C12P21/02,

C Strandedness: Single;

C Topology: Linear;

C Isolation of novel aging factor gene P23

FH Key

Location/Qualifiers

FT source

/organism='Unidentified'.
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC C1201/68, CO7K14/435, C07K16/18, C12N1/15, C12N1/19, C12N15/09, PC C12P21/02, C12221/08, C12N15/00 C Strandedness Single; CC Topology: Linear; CC Topology: Linear; CC Isolation of novel aging factor gene P23 CC Isolation of novel aging factor gene P23 FF Key Location/Qualifiers FF Source 1...te /organism='Unidentified'.
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/organism='Unidentified'.
Location/Qualifiers
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Location/Qualifiers
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92.9%; Pred. No. 8.4e+02;
tive 0; Mismatches 1;
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    .14
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001512698-A/7.
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Best Local Similarity 92.9
Matches 13; Conservative
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RESULT 966 BD073882/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

BASE COUNT

FEATURES

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AUTHORS TITLE JOURNAL

COMMENT

BASE COUNT

FEATURES

RESULT 967

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Yamamoto, N., Yamamoto, N., Hirose, K. and Sakai, J.

Yamamoto, M., Yamamoto, N., Yamamoto, Yamamoto, N., Yamamoto, N., Yamamoto, Yamamoto, Yamamoto, N., Yamamoto, Yamamoto, Yamamoto, Yamamoto, Yamamoto, N., Yamamoto, Yama
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/organism='Artificial sequences'
Location/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers
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JP 1997224671-A/4
02-SEP-1997
19-FEB-1996 UP 1996031075
SHIBATA DAISUKE, KATO TOWHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
strandedness: Single;
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E13666.1 GI:3252443
UP.1997224671-A/4.
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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hypothetical: No;
       artificial sequences.
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BD2074951-A,46

BD207499

BT3-MAR-2002 WO 2002UP002338

BT3-MAR-2001 UP 01P 073959

BT3-MAR-2001 UP 0739
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BD176800 G1:29122512
WO 02074951-A/47.
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Location/Qualifiers
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                               /organism='Unidentified'
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92.9%; Pred. No. 8.4e+02;
cive 0; Mismatches 1;
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    .14
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unclassified.
(Léases 1 to 15)
Bryck, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 354 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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unclassified.
1 (Jases 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 184 05-AUG-1998;
BIOGNOSTIK GES (DE)
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Pred. No. 8.8e+02;
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Sequence 354 from Patent WO9833904.
A88206
A88206.1 GI:6736776
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Sequence 184 from Patent EP0856579.
A900003.
A900003.1 GI:6738517
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PD CARTIFICIAL sequences.
PD J972-844
PD 02-SEP-1997
PF 21-PEB-1997
PF 21-PEB-1997
PF 21-PEB-1997
PC C12N15/09, A01415/0, COTHZ1/04, COTK14/415//C12N5/10, C12Q1/68; CC toppology: Linear; CC hypothetical: No; PH Key Location/Qualific...
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/organism='Artificial sequences'
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I (bases 1 to 15)

S Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD
D Patent: WO 9833904-A 184 06-AUG-1998,
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 184 from Patent WO9833904.
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A88036.1 GI:6736606
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Primer.
E13671.1 GI:3252448
JP 1997224672-A/4.
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A88036/c
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E13671/c
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AR051237 15 bp
Sequence 5 from patent US 5830658.
AR051237 1 GI:5974601
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                                            /organism="unknown"
  Location/Qualifiers
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1 (basaziote I to 15)
Grydaziote, S.M. and Lloyd, D.H.
Oligonucleotide clamps having diagnostic and therapeutic
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1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 354 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Unclassified.
3 I (bases 1 to 15)
S Gryaznov.S.M. and Lloyd,D.H.
Oligonucleotide clamps
AL Patent: US 5741643-A 5 21-APR-1998;
Location/Qualifiers
Location/Qualifiers
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Sequence 354 from Patent BP0856579.
A90173
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Sequence 5 from patent US 5817795.
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Patent: US 5817795-A 5 06-OCT-1998;
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Gryaznov,S.M.
Convergent synthesis of branched and multiply connected macromolecular structures
Patent: US 5830658-A 5 03-NOV-1998;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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92.9%; Pred. No. 8.8e+02;
tive 0; Mismatches 1;
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Sequence 365 from patent US 5837542.
AR056161.1 GI:5981738
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PAT 16-MAY-2001

AR113919 15 bp D) Sequence 365 from patent US 6132967. AR113919 1 GI:14094241

AR113919/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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PAT 20-APR-2002 ö ô PAT 20-APR-2002 0 Gaps Gaps ö Unchassified.
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1 (bases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 623 25-DEC-2001;
Location/Qualifiers Ouery Match
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels Unknown.
Unclassified.
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(Lases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 113 25-DEC-2001;
Location/Qualifiers Query Match
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels linear linear 1; Indels Score 12.4; DB 1; Pred. No. 8.8e+02; 0; Mismatches 1; AR180555 15 bp DNA Sequence 623 from patent US 6333152. AR180555 1 GI:20225588 7 t AR180045 13 from patent US 6333152. Sequence 113 from patent US 6333152. AR180045.1 GI:20222078 1. .15 /organism="unknown" /organism="unknown" 1 c 1 g /organism="unknown" 2 c 4 g 1081 ATTABAAAAAAA 1094 121 GGGAAGAAAGGATG 134 Query Match
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Matches 13; Conservative 2 ATGAAAAAAAAA 15 77 ATGCAACTGTGGTT 90 2 ATGAAACTGTGGTT 15 ٦ م 12 a Unknown. Unknown RESULT 985
AR180555/c
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AR180045
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linear PAT 16-MAY-2001

AR127784 15 bp Sequence 5 from patent US 6180777. AR127784 AR127784. GI:14114379

RESULT 982
AR127784/c
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1.1%; Score 12.4; DB 1; Length 15; 92.9%; Pred. No. 8.8e+02; Ative 0; Mismatches 1; Indels

1082 TTAAAAAAAAAA 1095

Query Match 1.1% Best Local Similarity 92.9% Matches 13; Conservative

source

JOURNAL

TITLE

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14 TGAAAAAAAAAA 1

Unknown.
Unclassified.
Unclassified.
Unclassified.
Grimm.S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of
Ribozyme treatment of diseases.
Intercellular adhesion molecule-1 (ICAM-1)
Patent:
Location/Qualifiers

PAT 30-MAY-2001

15 bp Seguence 24 from Patent BP1076099. AX139176

RESULT 986
AX139176
LOCUS
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Unknown.
Unknown.
Unclassified.
Inclassified.
1 (bases 1 to 15)
1 Ocgelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 41 25-DEC-2001;
Location/Qualifiers

REFERENCE AUTHORS TITLE JOURNAL FEATURES

PAT 20-APR-2002

linear

15 bp | Sequence 41 from patent US 6333152. ARL179973. | G1:20222006

RESULT 983
AR179973
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Query Match
1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels

1082 TTAAAAAAAAAA 1095

14 TGAAAAAAAAAA 1

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Horn,T.
Synthesis of branched nucleic acids
Synthesis of branched nucleic acids
Patent: US 6180777.A. 5 30-JAN-2001,
Location/Qualifiers

1 . 15
/organism="unknown"
r 1 a 2 c 0 g 12 t

Unknown. Unclassified. 1 (bases 1 to 15)

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Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpestsky, A., Draper, K.G., Kistch, K., Matullo-Adamic, J., Modak, A., Modak, Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.

Woolf, T.

Wethod and reagent for inhibiting the expression of disease related genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Woolf, \mathbf{T}. Method and reagent for inhibiting the expression of disease related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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AX636176
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Patent: EP 1260586-A 3313 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 3313 from Patent EP1260586.
AX656174.1 GI:28471788
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AX636174/c
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                                             Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacteridae, Actinomycetales,
Corynebacterineae, Mycobacteriaceae, Mycobacterium, Mycobacterium
tuberculosis complex.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                           Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: BP 1076099-A 24 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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Cellular regulators of infectious agents and methods of use
Patent: WO 0183754-A 14 08-NOV-2001;
Immusol Incorporated (US)
Location/Qualifiers
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Sequence 14 from Patent WO0183754.
AX328242 AX328242.1 GI:18098223
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      AX139176.1 GI:14274849
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PAT 21-FEB-2003

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PAT 21-FEB-2003

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S (Schlingensiepen, K.H. and Brysch, W. S. Schlingensiepen, K.H. and Brysch, W. An antisense oligonuclectide preparation method

E Patent: JP 2001511000-A 184 07-AUG-2001;

BICGNOSTIK GESELLSCHAFT FUR BICMOLEKULARE DIAGNOSTIK MBH
OS Unknown

PN JP 2001511000-A/184

PD 07-AUG-2001

PF 30-JAN-1999 JP 1998532533

PR 31-JAN-1997 RP 97101531.8

PI KARL HRNANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12015/11, COT721/04, ASIKZ1/70

CC An antisense oligonuclectide preparation method FH Ke
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(Cases 1 to 15)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 354 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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07-AUG-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 BP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, AGiK31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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07-AUG-2001
30-JAN-1998 PP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
212115/11, COTH21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1;
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                   Woolf,\mathbf{r}. Method and reagent for inhibiting the expression of disease related
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DD013460.1 GI:22553774

Mycobacterium tuberculosis

Mycobacterium tuberculosis

Bacteria, Actinobacteria, Actinobacterium; Mycobacterium

Corynebacterineae; Mycobacteriaceae, Mycobacterium; Mycobacterium

tuberculosis complex.

1 (bases 1 to 15)

Suzuki, S., Nishida, M. and Takenishi, S.

Biggnesis kit of tubercle bacillus

Patent: JP 2001103981-A 24 17-ARP-2001;

NISSHINBO IND INC, SYSTEM RESERARCH CO LTD
Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OS Mycobacterium tuberculosis
pN JP 2001103891-A/24
PD 17-ARR-2001
PF 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAXENISHI PC CLENIS/09, CILZNIS/09, CILZNIS/09, CILZNIS/09, CILZNIS/09, CILZNIS/09, CILZNIS/09, CILZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CIZZNIS/00, CC
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                                                                                                                                                                                                                                                                 1.1%; Score 12.4; DB 1; Length 15; 92.9%; Pred. No. 8.8e+02; Ative 0; Mismatches 1; Indels
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/organism="Mycobacterium tuberculosis"
/mol type="genomic DNA"
/db_xref="taxon:1773" 2 t
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                                                                                                     Patent: EP 1260586-A 3315 27-NOV-2002,
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/organism="unidentified"
/mol_type="mRNA"
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BD065549/c
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BD013460
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Patent: 0.521677-A. 5. 05-NOV-1996;
Location/Qualifiers
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Pred. No. 8.8e+02;
0; Mismatches 1;
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1 (bases 1 to 15)

Baxter-Lowe, L. Ann.
Method for HLA Typing
Patent: US 554526-A 13 13-AUG-1996;
Location/Qualifiers
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Sequence 259 from patent US 5658780.
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Sequence 13 from patent US 5545526.
124585
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Sequence 5 from patent US 5571677.
128366
128366.1 GI:1819142
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/organism="unknown"
2 c 0 g
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/organism="unknown"
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1 (bases 1 to 15)
Gryaznov, S.M.
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Best Local Similarity 92.9
Matches 13; Conservative
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                                                                                                               BD182236 15-MAY-2003 Polya linear PAT 15-MAY-2003 Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
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                                                                                                                                                                                                                                                                                                  Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid patent: WO 02055028-A 49 28-NOV-2002;
KIRIN BREWERY CO LTD, TOSHIO FUJII

KIRIN BREWERY CO LTD, TOSHIO FUJII

PN WO 02095028-A/49

PD 28-NOV-2002

PP 23-MAY-2002 WO 2002JP005022

PR 23-MAY-2001 JP 01P 154085

PI COSHIO FUJII
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Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
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                                                                                                                                                  bacterium.

BD18236

BD18236

BD182536

BD182536

Lactobacillus brevis

Lactobacillus brevis

Bacteria; Firmicutes; Lactobacillales; Lactobacillaceae;

Lactobacillus.
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Unclassified.

(bases 1 to 15)
Gryaznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps having diagnostic applications
Patent: US 5473060-A 5 05-DEC-1995;
Location/Qualifiers
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92.9%; Pred. No. 8.8e+02;
tive 0; Mismatches 1;
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/mol_type="genomic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:1580" 3 t
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Sequence 5 from patent US 5473060.
116031.
116031.1 GI:1250939
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                671 GAAGCTCACAGATG 684
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Unclassified.

E 1 (bases 1 to 15)

S Stinnhoomb, D.T., Draper, K.G. and McSwiggen, J.

Rel a targeted ribozymes

AL Patent: US 5658780-A 260 19-AUG-1997;

Location/Qualifiers
                                         Unclassified.

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S tinchcomb, D.T., Draper, K.G. and McSwiggen, J.

Rel a targeted ribozymes

AL Patent: US 5658780-A 259 19-AUG-1997;

Location/Qualifiers
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1 (bases 1 to 16)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
PALENT: WO 9740193-A 21 30-OCT-1997;
INNOGENETICS NV (BE)
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Sequence 260 from patent US 5658780.
1161706
161706.1 GI:2479654
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 21 from Patent W09740193.
A66854
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I61705
I61705.1 GI:2479653
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Best Local Similarity 92.99
Matches 13; Conservative
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Nucleosides and oligonucleotides having 2'-ether groups
Patent: US 5969116-A 8 19-OCT-1999;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 9.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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   1.1%; Score 12.4; DB 1; Length 16; 92.9%; Pred. No. 9.2e+02; tive 0; Mismatches 1; Indels
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Saito,Y., Noguchi,Y., Yoshikawa,K. and Soeda,S.
Catcor derivatives of gluconobacter plasmid pF4
Patent: US 6399340-A 26 04-UUN-2002;
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AR211607
AR211607.1 GI:21514974
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Sequence 33 from Patent WO9916899.
AXO04451.1 GI:9927910
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Sequence 8 from patent US 5969116.
AR080880
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1 c 9 g
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/organism="unknown"
5 a 3 c 8 g
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Query Match
Best Local Similarity 92.9<sup>5</sup>
Matches 13, Conservative
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1 (bases 1 to 16)
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1 (bases 1 to 17)
S Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
L PAtent: WO 9833904-A 458 06-A06-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 1; Indels
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92.9%; Pred. No. 9.6e+02;
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Best Local Similarity 92.9%; Pred. No. 9.2e+02;
Matches 13; Conservative 0; Mismatches 1;
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1 (bases 1 to 17)
Stuyver, L., Rossau, R. and Maertens, G. METHOD FOR TYPING AND DETECTING HSV PATCH: WO 9740193-A 50 30-0CT-1997;
INNOGENETICS NV (BE)
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Sequence 458 from Patent WO9833904.
A88310.
A88310.1 GI:6736880
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Sequence 50 from Patent WO9740193.
A66883.
A66883.1 GI:4538254
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/db_xref="taxon:32644"
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/organism="unknown"
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Unclassified.
I (bases 1 to 16)
Smith, J. J.
Therapeutic oligonucleotides targeting the human MDR1 and MRP genes
Patent: US 5683987-A 31 04 NOV-1997;
Location/Qualifiers
                                                          Anctil, J.L. and Cote, G.
Molecular diagnostic of glaucomas associated with chromosomes 2 and
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Cellular regulators of infectious agents and methods of use
Patent: Wo 0183754-A 132 08-NOV-2001;
Immusol Incorporated (US)
Location/Qualifiers
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/noTe="Synthetic oligonucleotide"
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/db_xref="taxon:32630"
/noTe="OLIGONUCLEOTIDE"
                                                                                                        Patent: WO 9916899-A 33 08-APR-1999;
ANCTIL JEAN LOUIS (CA); COTE GILLES (CA)
Location/Qualifiers
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Sequence 31 from patent US 5683987.
I72447
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Sequence 132 from Patent WO0183754.
AX328360.
AX328360.1 GI:18098342
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Best Local Similarity 92.99
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AX128360/c
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AR047008/c
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Unclassified.
1 (bases 1 to 17)
2 Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 811796-A 1679 06-OCT-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
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Local Similarity 92.9%; Pred. No. 9.6e+02;
les 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Parent: EP 0886579-A 458 05-AUG-1998;
BIOGNOSTIK GES (DE)
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Sequence 1799 from patent US 5817796.
AR047006
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Sequence 1679 from patent US 5817796.
AR046886.
AR046886.1 GI:5968351
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Sequence 458 from Patent EP0856579.
A90277.1 GI:6733791
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 17)

1 (bases 1 to 17)

Crinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

Crimb ribozymes having 2--5'-linked adenylate residues

Patent: US 5817796-A 2145 06-OCT-1998;

Location/Qualifiers
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Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: Us 5817796-A 1801 06-OCT-1998;
Location/Oualifiers
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1799 06-OCT-1998;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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AR047352
AR047352.1 GI:5968817
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Sequence 1801 from patent US 5817796.
AR047008 GI:5968473
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                                         Length 17;
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Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 377 04-MAR-2003;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.
Matulic-Adamic,G., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 468 04 WAR-2003;
Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
live 0; Mismatches 1;
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/organism="unknown"
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AR286096/c
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Unclassified.

I (bases I to 17)

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4363 12-FEB-2002;

Location/Qualifiers
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. and
Kincald, R.H.
Method for evaluating oligonucleotide probe sequences
Patent: US 621588-A 108 26-UUN-2001;
Location/Qualifiers
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Stinchcomb, D. T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb ribozymes having 2'-5'-linked adenylate residues Patent: US 611796-A 2147 06-OCT-1998;
Location/Qualifiers
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ARI88875.1 GI:20234840
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Sequence 108 from patent US 6251588.
AR158486.1 GI:16220528
            AR047354 17 bp DNA
Sequence 2147 from patent US 5817796.
AR047354
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                                                      AR047354.1 GI:5968819
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 503 04-MAR-2003; Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucla cacids with RNAse activity
Patent: US 6528640-A 626 04-MAR-2003;
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Sequence 628 from patent US 6528640.
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Sequence 503 from patent US 6528640.
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Unclassified.
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1 (bases 1 to 17)
Beigelman.L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Admic,U., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 652840-A 667 04-MAR-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Swedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 675 04-MAR-2003;
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AR286295
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Sequence 420 from Patent WO0159103.
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                                                                                                Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 420 16-AUG-2001;
RIBOZYME PHRAMACEUTICALLS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 2482 16-AUG-2001;
RIBOZYMS PHRAMACHUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Sequence 2482 from Patent WO0159103.
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AX217040.1 GI:15527101
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Pattaey,A.R., Jarvis,T., Mcswiggen,J., Booher,R.N. and Holman,P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 472 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Patent: WO 0157206-A 473 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 1;
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol type="mRNA"
/db_xref="taxon:32630"
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synthetic construct
artificial sequences.
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Best Local Similarity 92.99
Matches 13, Conservative
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PAT 29-OCT-2001
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Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Cicereae;
Cicer.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
patent: WO 0192512-A 1559 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
1. .17
/organism="cicer arietinum"
//mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
Mamo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 368 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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  Best Local Similarity 92.9%; Pred. No. 9.6e+02; Matches 13; Conservative 0; Mismatches 1;
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 1559 from Patent WO0192512.
AX325421. GI:18096177
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Blis.J.H.
Method and reagent for the inhibition of grid
Patent: WO OLG2911-A 366 30-AUG-2001;
RIBOZYME PHARMACEUTCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
Btranded oligonucleotides
Extended oligonucleotides
UNIVERSITY OF DELAWARE (US)
LOCATION/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 366 from Patent WO0162911.
AX272797.1 GI:16545534
1. .17
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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AX264828/c
                                                                                                     BASE COUNT
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TITLE
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RESULT 1032

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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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REFERENCE AUTHORS TITLE

JOURNAL FEATURES

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PAT 18-JUN-2002
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      PAT 18-JUN-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 370 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                         Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 365 22-NOV-2011;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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AX422035.
AX422035.1 GI:21525417
Sequence 365 from Patent WO0188124. AX422029
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                      Cicer arietinum (chickpea)
Cicer arietinum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids I; Fabales; Fabaceae; Papillonoideae; Cicereae;
Cicer.
                                                                                                                                                                                                                                                                                                                          Kmiec, B.B., Gamper, H.B., Rice, M.C. and Kim, J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligomucleotides
Patent: WO 0192512-A 1560 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 201 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:3827" 6 t
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Sequence 201 from Patent WO0188124.
AX421865
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/mol_type="mRNA"
/db_xref="taxon:9606"
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3 GAGGTAAAGGAACT 16
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Best Local Similarity 92.99
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REFERENCE AUTHORS

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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1255 22-NOV-2001;
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Method and reagent for the inhibition of erg
Method and 0188124-A 1078 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                       Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. a Randi, A.M.
Rendi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 371 22-NOV-2001;
RIBOZYME PHARMACHELS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
ative 0; Mismatches 1;
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 1078 from Patent WO0188124.
AX422742. GI:21526124
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AX422919
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/organism="Homo sapiens"
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- 4 c 6 g 6
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3 c 7 g
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Homo sapiens
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalla, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 2074 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1731 22-NOV-2001;
RIBOZYME PHARMACHITCALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1. 17
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/db type="mRNA"
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92.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 1;
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Sequence 2074 from Patent W00188124.
AX423738
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Sequence 1731 from Patent WO0188124.
AX423395.1 GI:21526777
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/mol_type="mRNA"
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10 c 8 g ;
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 116 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 115 25-SEP-2002;
Aeomica, inc. (US)
Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 115 from Patent EP1243660.
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Sequence 116 from Patent EP1243660.
AX544603
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
6 c 7 g 3
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens (human)
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Best Local Similarity 92.9
Matches 13; Conservative
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AX578257
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AXS44602/c
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 114 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 113 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Pred. No. 9.6e+02;
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Query Match
1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 113 from Patent EP1243660.
AX544600
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Sequence 114 from Patent BP1243660.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xef="taxon:9606" 3
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/organism="Homo sapiens"
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AXS44601.1 GI:25809812
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AX544601/c
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Thompson, J., Mcgwiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 637 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
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Human lccl-domain containing protein
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Sequence 740 from Patent EP1262488.
AX615933
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Homo sapiens
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AX615933/c
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Mcthod and reagent for the inhibition of calcium activated chloride channel—1 (clos-1)
Patent: WO 0211674-A 96 14 FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
Location/Qualifiers
                                                             Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel—I (clca—I) Patent: WQ 0211674-A 95 14-FEB-2002; RIBOZYME RHARMACEUTCALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Verrebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
 Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 637 from Patent WO0211674.
AX578799
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Sequence 96 from Patent WO0211674.
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel—1 (clca-1)
Patent: WO 0211674-A 1452 14-FEB-2002;
RIBOZXME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
AX579614

17 bp mENA

Sequence 1452 from Patent WO0211674.

AX579614

AX579614.1 GI:27648816
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PAT 27-MAR-2003
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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Ouery Match 1.1%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 9.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 743 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX673014/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Human lccl-domain containing protein
Patent: EP 1262488-A 742 04-DEC-2002;
     Patent: BP 1262488-A 740 04-DEC-2002,
Acomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 741 04-DEC-2002,
Acomica, Inc. (US)
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Sequence 741 from Patent EP1262488.
AX615934
AX615934.1 GI:28446980
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Sequence 742 from Patent EP1262488.
AX615935
AX615935.1 GI:28446981
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
a 3 c 7 g 2
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Location/Qualifiers
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AX615935/c
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                                                                                                                                                             Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 2823 16-JAN-2003,
Molecular Engines Laboratories (FR)
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                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2966 from Patent WO03004526.
AX674521 GI:29332869
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 Sequence 2823 from Patent WO03004526.
AX674378
AX674378.1 GI:29332726
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Sequence 35 from Patent WO02059381.
AX676082 AX676082.1 GI:29333766
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Homo sapiens
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Homo sapiens
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AX674521/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03004526-A 2788 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                 Sequence 2583 from Patent WO03004526.
AX674138
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                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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AX674378/c
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AX674343
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AX674138
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Shannon,M., Gu.Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 9.6e+02;
0; Mismatches 1;
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred, No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1446 from Patent EP1281758.
AX688714
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                   /organism="Homo sapiens"
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                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                               Slaugenhaupt, S. and Gusella, J.F. Gene for identifying individuals with familial dysautonomia Patent: WO 02059381-A 35 01-AUG-2002, The General Hospital Corporation (US) Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Pred. No. 9.6e+02;
0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="TGF-betalMut"
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Sequence 1445 from Patent EP1281758.
AX688713
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Patent: EP 1279740-A 4 28-JAN-2003;
VRIJE UNIVERSITEIT BRUSSEL (BE)
Location/Qualifiers
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/organism="Mus sp."
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AX680114/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Matches 13; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2055 from Patent W003025176.
AX724368 41:30503711
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                                                                                             Sequence 455 from Patent WO03025176.
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8 c 3 g
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Mus musculus
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15 CAGAGGAGCTGTGG 2
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AX724368/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                            Gaps
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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/mol_type="genomic DNA"
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/note="TGF-betalMut"
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Aeomica, Inc. (US)
Location/Qualifiers
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Patent: WO 03010320-A 4 06-FEB-2003;
VRIJE UNIVERSITEIT BRUSSEL (BE)
LOCATION/Qualifiers
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Sequence 5252 from Patent EP1281758.
AX692520
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xrefe"taxon:9606"
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Sequence 4 from Patent WO03010320.
AX698034
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artificial sequences.
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PAT 08-MAY-2003

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Parent: WO 03025176-A 5763 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Location/Qualifiers
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Sequence 5763 from Patent W003025176.
AX728076.1 GI:30507419
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Homo sapiens
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                                       Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 3235 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines to 0.3025176-A. 5188 27-MAR-2003;
Molecular Engines Laboratories (FR)
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AX725548 17 bp DNA Sequence 3235 from Patent WO03025176. AX725548
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2 c 5 g 5
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/db_xref="taxon:10090"
1 c 3 g 2
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                                                                          Mus musculus (house mouse)
Mus musculus
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                                             AX725548.1 GI:30504891
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Matches 13; Conservative
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Nus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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92.9%; Pred. No. 9.6e+02;
iive 0; Mismatches 1;
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92.9%; Pred. No. 9.6e+02;
iive 0; Mismatches 1;
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Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
Mamo sapiens
Eukarycia, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 1611 27-MAR-2003;
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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Matches 13; Conservative 1; Mismatches 2;
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Patent: WO 03025175-A 52 27-MAR-2003;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Patent: WO 03025175-A 1733 27-MAR-2003;
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Patent: WO 03025175-A 2199 27-WAR-2003;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Patent: WO 03025175-A 5622 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 5622 from Patent WO03025175.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 2870 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Patent: WO 03025175-A 3438 27-WAR-2003;
Molecular Engines Laboratories (PR)
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Sequence 2870 from Patent W003025175.
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Sequence 1655 from Patent W003025177.
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AX736065.1 GI:30515342
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Eukaryora, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria, Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302s177-A 962 27-MAR-2003;
Molecular Engines Laboratories (FR)

1. 17

//oration/Quilifiers

// mol_type="genomic DNA"
// mol_type="genomic DNA"
// db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 2.7-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 962 from Patent WO03025177.
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/db_xref="taxon:9606"
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AX735372.1 GI:30514649
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AX735382/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments batent: WO 30221777.A 2500 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3032517-A 1655 27-WAR-2003;
Molecular Engines Laboratories (FR)
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92.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 1;
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Sequence 2840 from Patent WO03025177.
AX737250
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AX745128
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AX745127
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
              Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                    Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 03025177-A 2840 27-MAR-2003; Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente 20 Patent: WO 30302517-A 4458 27-WAR-2003; Molecular Engines Laboratories (FR)

Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
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Sequence 4458 from Patent WO03025177.
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Homo sapiens
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AX738868/c
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AX745126
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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A human G protein coupled receptor
Patent: WO 03031621-A 1092 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
A human G protein coupled receptor Patent: WO 03031621-A 1091 17-APR-2003; Amersham Biosciences (SV) Corp. (US) Location/Qualifiers
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AX745127.1 GI:30723794
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AX745128
AX745128.1 GI:30723795
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A human G protein coupled receptor
Patent: WO 03031621-A 1093 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
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Homo sapiens
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Best Local Similarity 92.99
Matches 13, Conservative
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ED067575

ION Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

ED067575.1 G1:22613178

SD067575.1 G1:22613178

SD067575.1 G1:22613178

SUP 2001511003-A/415.

Unidentified and treatment of diseases or conditions related unclassified.

ENSYMATE S., Fell, P. and Mcswiggen, J.A.

RS Akhtar S., Fell, P. and Mcswiggen, J.A.

ENSYMATIC nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

ENSYMATE JOP 2001511003-A 415 OF AUG-2001;

RIBOZIME PHARMACEUTICALS INC, ASTON UNIV

OS Unidentified

PR 14-JAN.1998 JP 1998532913

PR 31-JAN.1998 JP 1998532913

PR 31-JAN.1998 JP 1998532913

PR 31-JAN.1998 JP 1998532913

CC Strandedness: Single;

CC Enzymatic nucleic acid treatment of diseases or conditions CC rated to Location/Qualifiers

FH Key Location/Qualifiers

FH Key Location/Qualifiers

FT Source Location/Qualifiers

FT Source Location/Qualifiers
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N Novel vector.
E43910.1 GI:18627843
UP 2000116392-A/16.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 17)
1 (bases 1 to 17)
Vo'l. and A,S.C.
Novel vector
Patent: JP 2000116392-A 16 25-APR-2000;
                           Query Match
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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92.9%; Pred. No. 9.6e+02;
Live 0; Mismatches 1;
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/mol_type="genomic RNA"
/db_xref="taxon:32644"
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Best Local Similarity 92.94
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Mammalia, Butheria, Primates; Catarrhini, Hominidae, Homo.
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            Score 12.4; DB 1; Length 17; Pred. No. 9.6e+02; 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Location/Qualifiers
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A human G protein coupled receptor
Patent: WO 03034621-A 1094 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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/organism="unidentified"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
              Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative (
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Homo sapiens
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PAT 07-0CT-1997
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Mitsuhashi, M. and Cooper, A.
Method for detecting polynucleotides with immobilized
polynucleotide probes identified based on T.sub.m
Patent: Us 5639612-A 471 17-JUN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.1%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 9.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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1 (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scha
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 305 22-OCT-1996;
Location/Qualifiers
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Local Similarity 92.9%; Pred. No. 9.6e+02;
Hes 13; Conservative 0; Mismatches 1;
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Sequence 471 from patent US 5639612.
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146492.1 GI:2470457
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1 c 6 g
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a 4 c 5 g
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/organism="unknown"
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15 TGTCTTCCAGGAAG 2
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153938/c
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               Artificial Sequence
DP 200016392-A/16
25-APR-2000
30-NOV-1999 JP 1999339786
02-SEP-1993 US 08/11375
JAMES LALLY C,SUDGHKU CHRISTINE A
CLENIS(09,CI2N1/19,CI2N1/21,CI2P21/02//CO7K14/62,(CI2N1/19, PC
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1 (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Appleds and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 205 22-OCT-1996;
Location/Qualifiers
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1 (Dases 1 to 17)
Apple/R.J. and Scharf,S.J.
Apple/R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 71 22-OCT-1996;
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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//organism="synthetic construct"
//mol_type="genomic DNA"
//db_xref="taxon:32630"
/db_3 c 6 g 4 t
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127899.1 GI:1818675
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1 5 c 4 g
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PD 25-APR
PF 30-NOV
PR 02-SE
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Unclassified.
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Unclasses 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 2147 08-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                                   Unknown...
Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb.D.T. Draper.K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
C-myb targeted ribozymes
Patent: US 5646042-A 2145 08-UUL-1997;
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 1; Indels
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 2147 from patent US 5646042.
154406
154406.1 GI:2475609
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Sequence 2145 from patent US 5646042.
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154404.1 GI:2475607
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Sequence 2 from patent US 5965409.
AR079081.1 GI:10005827
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IS4406/c
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1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1799 08-JUL-1997;
Location/Qualifiers
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Stinchcomb.D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb targeted ribozymes
Patent: US 5646642-A 1801 08-UUL-1997,
Location/Qualifiers
                                                                                            1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1679 08-JUL-1997;
Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 1801 from patent US 5646042.
IS4060.1 GI:2475263
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154058.1 GI:2475261
  Sequence 1679 from patent US 5646042.
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                 153938.1 GI:2475141
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14 CGGTAAAGGCTTTG 1
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Regulated genes by stimulation of chondrocytes with 1L-1beta Patent: EP 0705842-A 57 10-APR-1996;
HDECHST AG (DE)
Other publication ZA 9508381 960424
Other publication JR 8191693 960730
Other publication AU 3308695 960418.
Location/Qualifiers
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Regilated genes by stimulation of chondrocytes with 1L-lbeta
Patent: EP 0705842-A 58 10-APR-1996;
HOEGHST AG (DE)
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Best Local Similarity 92.3%; Pred. No. 9e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
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Other publication GP 8191693 960730
Other publication GA 2159957 960407
Other publication AU 3308695 960418
Location/Qualifiers
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Sequence 58 from Patent BP0705842.
A52268.1 GI:2852044
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Sequence 57 from Patent EP0705842,
A52267
A52267.1 GI:2852045
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic_DNA"
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Unclassified.
Unclassified.
1 (bases 1 to 13)
Liang, P., Pardee, A.B. and Bianchi, C.F.
Method of differential display of exposed mRNA by RT/PCR
Method of 45599672-A 2 04-FEB-1997;
Patent: US 5599672-A 2 04-FEB-1997;
Location/Qualifiers
1 others
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Best Local Similarity 92.3%; Pred. No. 8.5e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
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Best Local Similarity 92.3%; Pred. No. 8.5e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
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1 (bases 1 to 13)
Pardee,A.B. and Liang,P.
Methods of comparing levels or amounts of mRNAs
Patent: US 5665547-A 2 09-SEP-1997;
  1 (bases 1 to 13)
Pardee, A.B. and Liang, P.
System for comparing levels or amounts of mRNAs
Patent: US 5965409-A 2 12-OCT-1999;
Location/Qualifiers
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Sequence 2 from patent US 5665547.
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164500.1 GI:2481394
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Sequence 2 from patent US 5599672.
134782.1 GI:2087750
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/organism="unknown"
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Gaps

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/organism="unknown"
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AR195060/c
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DEFINITION S
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BD057045/c
LOCUS
DBFINITION
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LOCUS
DEFINITION
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           BASE COUNT
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TITLE
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KEYWORDS
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           PAT 29-SEP-1999
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Unclassified.
1 (bases 1 to 14)
Kozian,D. and Reuner,B.
Two-color differential display as a method for detecting regulated
                                                                                        Unclassified.

1 (bases 1 to 14)

Lee,M.-E. and Haseh,C.-M.

Single gene encoding aortic-specific and striated-specific muscle cell isoforms and uses thereof

Patent: US 5846773-A 10 08-DEC-1998;

Location/Qualifiers
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      14 bp 1
Sequence 10 from patent US 5846773.
AR064009
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Patent: US 6207812-A 4 27-MAR-2001;
Location/Qualifiers
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Location/Qualifiers
1. .14
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Sequence 1 from patent US 6342376.
AR183908.1 GI:20227877
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Sequence 4 from patent US 6207812.
AR140641
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                                            AR064009.1 GI:5993317
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1 (bases 1 to 14)
Terek, R.M.
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Best Local Similarity 92.3
Matches 12; Conservative
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Matches 12; Conserv
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AR183908/c
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AR064009/c
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14 bp DNA linear PAT 27-AUG-2002 A single gene encoding aortic-specific and striated-specific muscle cell isoforms and uses thereof.
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Pred. No. 9e+02;
1; Mismatches 0; Indels
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                           ; DB 1; Length 14; 9e+02;
                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 14)
Lee,M.-E. and Haich,C.-M.
Aortic-specific enhancer sequence and uses thereof
Patent: US 6350592-A 10 26-FEB-2002;
Location/Qualifiers
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Lee_M.-E. and Hsieh.C.-M.
Striated-specific muscle cell polypetides
Patent: US 6399753-A 10 04-JUN-2002;
Location/Qualifiers
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AR195060
AR195060
AR195060.1 GI:20244497
                          Score 12.2; D
Pred. No. 9e+0
1; Mismatches
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AR212269
AR212269.1 GI:21515800
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/ Organism="unknown"
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                          Query Match
Best Local Similarity 92.3%;
Matches 12; Conservative
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Best Local Similarity 92.33
Matches 12; Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
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PAT 27-APR-1998
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Score 12.2; DB 1; Length 14; Pred. No. 9e+02; 0; Indels
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Artificial sequences.
JP 199724671-A/2
02-SEP-1997
19-FRB-1996 UP 1996031075
SHIBATA DAISUKE, KATO TOWOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
topology: Linear;
topology: Linear;
topology: Linear;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      unidentified
unclassified.
1 (bases 1.0. Kato, T. and Ota, H.
Shibata, D., Kato, T. and Ota, H.
DNA CODING NEW CYTOCHROWE P450
PATCHI GYOSAI SHOKUBUTSU BIO KENKYUSHO: KK
OS None
OC Artificial sequences.
PN JP 1997224671-A/2
PP 19-FEB-1996 JP 1996631075
PF 19-FEB-1996 JP 1996631075
PF 19-FEB-1996 JP 1996631076
CC STRANGHOUSES.
CC STRANGHOUSES. Single;
CC CLONIS/OS, CIOLNS/OS, (CIOLNS/OS, CIOLRIS);
CC CTOROLOGY: Linear;
CC CTOROLOGY: Linear;
CC CHOPOLOGY: Linear;
CC C
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    .14
    /organism="unidentified"
    /mol type="genomic DNA"
    /db_xref="taxon:32644"

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E13667
E13667.1 GI:3252444
Up 1997224671-A/5.
unidentified
     1.18;
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E13664
E13664
UP 197224611-A/2.
unidentified
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Query Match
Best Local Similarity 92.3
Matches 12; Conservative
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Matches 12; Conserv
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E13664/c
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KEYWORDS
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LOCUS
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TITLE
JOURNAL
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TITLE
JOURNAL
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 14)
S Lee, M.B. and Hsieh, C.M.
S single gens encoding acrtic-specific and striated-specific muscle cell isoforms and uses thereof
PRESIDENT AND FELLOWS OF HARVARD COLLEGE
PN 07-AUG-2001
PP 06-FEB-1999 UP 1998534965
PR 06-FEB-1997 US 08/79586
PI MU BN LEE, CHONG MING HSIEH
PC CIZINS/09, COTMI4/47, CIZNS/10, CIZNS/00, CIZNS/00, CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Terek, R.M.

Chondrosarcoma associated genes
Chondrosarcoma associated genes
Chondrosarcoma associated genes
Chondrosarcoma associated genes
Patent: JP 2002506617-A 3 05-MAR-2002,
RHODE ISLAWD HOSPITAL A LIFESPAN PARTNER
OS Artificial Sequence
PP 2002506617-A/3
PP 12-MAR-1999 JP 2000535749
PP 12-MAR-1999 UP 2000535749
PR 13-MAR-1999 US 09/042225
PP 12-MAR-1999 US 09/042225
PP CIZNIS/09, COTK14/47, CIZNI/15, CIZNI/19, CIZNI/20, CIZNI/21 PC
CIZNIS/09, COTK14/47, CIZNI/115, CIZNI/19, CIZNI/21 PC
CIZNIS/09, COTRIB/09, COTRIB/09, COTRIB/09, CIZNI/20, CIZNIS/00, CIZNIS/00
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Location/Qualifiers.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
10 c 0 g 12 t
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92.3%; Pred. No. 9e+02;
tive 1; Mismatches
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BD140675.
BD140675.1 GI:23235620
JP 2005506617-A/3.
Synthetic construct
artificial sequences.
I (bases I to 14)
Terek P M
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/organism="Homo sapiens"
/mol type="genomic DNA"
/do_xref="taxon:9606"
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JP 2001511016-A/3.
                                                                             Homo sapiens (human)
Homo sapiens
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linear PAT 27-APR-1998

FEATURES

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None
| Artificial sequences. | Artificial sequences. | Artificial sequences. | DP 1997224672-A/5 | 02-SEP-1997 | 21-SEP-1996 | Altificial sequences. | C1-SEP-1996 | Altificial sequences |
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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                                                              E13672.1 GI:3252449
Up 1997224672-A/5.
Up 1997224672-A/5.
Up 1997224672-A/5.
Up 1 (bases 1 to 14)
Shibata,D., Kato,T. and Ota,H.
Shibata,D., Kato,T. and Ota,H.
Patent: JP 1997224672-A 5 02-SEP-1997,
MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO:KK
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2.4%; Pred. No. 1e+03;
ve 0; Mismatches 3;
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Patent: WO 0301621-A 1092 17-APR-2003,
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Sequence 1092 from Patent WO03031621.
AX745127
AX745127.1 GI:30723794
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/organism="unidentified"
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/db_xref="taxon:32644"
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/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 82.43
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I SHIBATA DAISNUE, KATO TOMOHIKO, OTA HIROYUKI
C CL2N15/09,A01H5/00,C07H21/04,C07K14/415//C12N5/10,C12Q1/68; CC
strandedness: Single;
topology: Linear;
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Location/Qualifiers
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Location/Qualifiers
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                     SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
strandedness: Single;
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Up 19972246772-A/2.

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Shibata,D., Kato,T. and Ota,H.

Shibata,D., Kato,T. and Ota,H.

Shibata,D., Kato,T. and Shibata,D., Kato,T. and Ota,H.

MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO:KK
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llarity 92.3%; Pred. No. 9e+02;
Conservative 1; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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  19-FEB-1996 JP 1996031075
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JP 1997224672-A/2
02-SEP-1997
                                                                                      topology: Linear;
hypothetical: No;
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E13672/c
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A88412
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|db_xref="taxon:32630"

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/moi_type="mRNA"
/db_xref="taxon:32630"
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Patent: WO 9202228-A 17 20-FEB-1992;
Location/Qualifiers
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Patent: WO 9202228-A 2 20-FEB-1992;
Location/Qualifiers
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Sequence 94 from Patent WO9517522.
A45424
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                                                           Oligoribonucleotide 17-mer. A20708
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synthetic construct
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A21027
A21027.1 GI:641329
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A21027
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1 (bases 1 to 17)
Hakenbeck,R.
DNA PROBES, METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT
STRAINS OF BACTERIA
PATENT: WO 9848041-A 5 29-OCT-1998;
MAX PLANCK GESELLSCHAPT (DE); HAKENBECK REGINE (DE)
Location/Qualifiers
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unclassified.

I (bases 1 to 17)

Brysch, W. and Schlingensiepen, K.

AN ANTISENSE OLICONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A S60 06-AUG-1998;

BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers

1. 17

/organism="unidentified"
/mol_type="genomic DNa"
/db_xref="taxon:32644"
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
Jeffreys, A.J. and Armour, J.
IDENTIFICATION OF SIMPLE TANDEM REPEATS
PATENT: WO 9517522-A 94 29-JUN-1995,
UNIV LEICESTER (GB)
Other publication AU 1277995 950710.
Location/Qualifiers
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Sequence 560 from Patent WO9833904.
A88412
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6 c 5 g 5
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Sequence 5 from Patent W09848041.
A83827
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/db_xref="taxon:32644"
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Hermann, B. and Kispert, A.
NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
THERROF
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3; Indels
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                       Score 12.2; DB 1; Length 1
Pred. No. 1e+03;
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1 (bases 1 to 17)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 560 05-AUG-1998,
BIOGNOSTIK GES (DE)
Location/Qualifiers
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a 2 c 9 g 3
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Sequence 560 from Patent BP0856579.
A90379.1 GI:6738893
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/db_xref="taxon:32644"
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Sequence 23 from Patent W09925815
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Unclassified.

1 (bases 1 to 17)

Hubbell.E.A., Morris,M.S. and Winkler,J.L.

Computer-aided engineering system for design of sequence arrays and lithographic masks

Patent: US 5856101-A 2 05-JAN-1999;

Location/Qualifiers
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          PAT 04-DEC-1998
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Paoletti, E., Perkus, M.E., Taylor, J., Tartaglia, J., Norton, E.K.,
Riviere, M., de Taiane, C., Limbach, K.J., Johnson, G.P., Pincus, S.E.,
Cox, W.I., Audonnet, J.-C. Francis. and Gettig, R. Robert.
Modified recombinant vaccinia virus and expression vectors thereof
Patent: US 5762938-A 167 09-UUN-1998;
Location/Qualifiers
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1 (bases I to 17)
Stinchcomb, D.T. and McSwiggen, J.A.
Interleukin-2 receptor gamma-chain ribozymes
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Sequence 167 from patent US 5762938.
AR011298.1 GI:3969288
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Sequence 2 from patent US 5856101.
AR026537.
AR026537.1 GI:5937377
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(bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
                                                                                                                                                        Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 1708 17-NOV-1998; Location/Qualifiers
                                                                                                                                                                                                                                                          Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 10+03; Matches 14; Conservative 0; Mismatches 3; Indels
AR057504 170 Erom patent US 5837542.
AR057504.1 GI:5983081
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1 (bases 1 to 17)
2 tinchomb,D.T. Draper,K., McSwiggen,J. and Jarvis,T.
2 tinchomb,D.T. Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 2151 06-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                  (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: 18 5817796-A 542 06-0CT-1998;
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 18+03;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                      Query Match
1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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       Patent: US 5807743-A 1085 15-SEP-1998;
Location/Qualifiers
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Sequence 542 from patent US 5817796.
AR045749.1 GI:5967214
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Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132567-A 1708 17-0CT-2000;
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1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                                                                                                                                                                                                                                          Length 17;
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1.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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  DNA
                                                                                                                               Unclassified.

1 (bases 1 to 17)
Jeffreys, A.John. and Armour, J.
Simple tandem repeats
Patent: US 5843647-A 94 01-DEC-1998;
Location/Qualifiers
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AR061229
Sequence 94 from patent US 5843647.
AR061229 GI:5988920
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Sequence 2175 from patent US 6346398.
AR186687
AR186687,1 GI:20232652
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Best Local Similarity 82.49
Matches 14; Conservative
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Best Local Similarity 82.4
Matches 14; Conservative
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Unclassified.
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I bases I to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346388-A 2174 12-FEB-2002;

Location/Qualifiers
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UnClasses 1 to 17)
1 (bases 1 to 17)
Thomas, W.J., Drayna, D.T., Feder, J.N., Gnirke, A., Ruddy, D.,
Tsuchinashi, Z. and Wolff, R.K.
Hereditary Hemochromatosis gene products
Patent: US 6140305-A 50 31-OCT-2000;
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 2174 from patent US 6346398.
AR186686
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AR186687/c
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AR117832
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Unclassified.
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen, J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2176 12-FBH-2002;
Location/Qualifiers
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1 (Dases 1 to 17)

PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346798-A 2181 12-FEB-2002;

Location/Qualifiers
i (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Rethod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2175 12-FEB-2002;
Location/Qualifiers
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Sequence 2181 from patent US 6346398.
AR186693.1 GI:20232658
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Sequence 2176 from patent US 6346398.
AR186688
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AR190427
Sequence 5915 from patent US
AR190427
AR190427.1 GI:20236392
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Matches 14; Conservative
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AR190427/c
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2349 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and ragent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2546 12-FEB-2002;
Location/Qualifiers
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Pred. No. 1e+03;
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Sequence 2546 from patent US 6346398.
AR187058.1 GI:20233023
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AR186861.1 GI:20232826
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Unknown.
Unclassified.

I (bases 1 to 17)

1 (bases 1 to 17)

NeSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 5915 12-FBB-2002;

Location/Qualifiers
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Machod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 2855 12-FEB-2002;
Dasce I to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398—A 2556 12-FEB-2002;
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RESULT 1144 AR191750 LOCUS

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I (bases 1 to 17)

1 (bases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Patco, Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Patch and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patcht: US 6346398-A 7767 12-FEB-2002;

Location/Qualifiers
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Unclassified.

I (bases 1 to 17)

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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7775 12-FEB-2002;
Location/Qualifiers
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AR192287.1 GI:20236252
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Sequence 7767 from patent US 6346398.
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AR192279.1 GI:20238244
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1 (bases 1 to 17)

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2 vocaping, and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7238 12-FEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent; US 6346398-A 7262 12-FEB-2002;
Location/Qualifiers
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AR191924
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Sequence 7238 from patent US 6346398.
AR191750
AR191750.1 GI:20237715
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Sequence 7262 from patent 1
AR191774
AR191774.1 GI:20237739
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Query Match

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BASE COUNT

AR191774/c LOCUS DEFINITION

SOURCE ORGANISM

REFERENCE AUTHORS TITLE

ACCESSION VERSION KEYWORDS

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RESULT 1145

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1 (bases i to 17)

PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

PavCo, P., McSwiggen, For the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7823 12-FEB-2002;

Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

Pavoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7824 12-FEB-2002;
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1 (bases 1 to 17)

Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.

Guo,L., Skokut, T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase

Patent: US 6350934-A 176 26-FEB-2002;

Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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tive 0; Mismatches 3;
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Sequence 7824 from patent US 6346398.
AR192336
AR192336.1 GI:20238301
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Patco, and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6346398-A 7821 12-FEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346598-A 7822 12-FEB-2002;
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 3;
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AR192334.1 GI:20238299
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Sequence 7821 from patent US 6346398.
AR192333 GI:20238298
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Cech, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B.,
Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
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Unclassified.
1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Gluo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 885 26 FEB-2002;
                                           Tobases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta 9 desaturase
Patent: US 6350934 A 884 26 FEB-2002;
Location/Qualifiers
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methods Patent: US 6475789-A 248 05-NOV-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann.Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 635034-A 881 26-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 17)

2 Wick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase

Patent: US 6350934-A 666 26-FEB-2002;

Location/Qualifiers
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Sequence 881 from patent US 6350934.
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Unclassified.
1 (base 1 to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Syntheic ribonucleic acids with RNAse activity
Patent: US 6528640-A 605 04-MAR-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 332 04-MAR-2003;
Location/Qualifiers
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Pred. No. 1e+03;
0; Mismatches 3; Indels
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Sequence 684 from patent US 6528640.
AR286312. GI:29723908
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Seguence 605 from patent US 6528640.
AR286233
                                                                                                                    Sequence 332 from patent US 6528640.
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/organism="unknown"
5 c 7 g
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( 6 c 5 g
Best Local Similarity 82.4%; Pr
Matches 14; Conservative 0;
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Methods and Kits for discovery of rna-binding compounds
Patent: WO 9564625-A 1 16-DEC-1999;
RIBOTARGETS LIMITED (GB)
M Unknown.
    Unclassified.
    L (bases 1 to 17)
    B = 1 (bases 1 to 17)
    B = igelman, i., Burgin, A., Beaudry, A., Karpeisky, A.,
    Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
    Synthetic ribonucleic acids with RNAse activity
    Patent: US 6226640-A 684 04-MAR-2003;
    Location/Qualifiers
    Location/Qualifiers
    Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:12721"
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Bethod and generation of dna fingerprints
Patent: EP 1002876-A 4 24-MAY-2000;
SCHOUTEN JOHANNES PETRUS (NL)
Location/Qualifiers
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/mol_type="genomic DNA"
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Sequence 4 from Patent EP1002876.
AX024019
AX024019.1 GI:10184334
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Sequence 1 from Patent WO9964625.
AX008727
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5 a 6 c 6 g
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Best Local Similarity 82.4%;
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia; Butheria, Primates; Catarrhini; Hominidae, Homo.
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Patent: WO 0129235-A 13 26-APR-2001;
Emory University (US)
Location/Qualifiers
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Sequence 25 from Patent WO0120034.
AX099965
AX099965.1 GI:13538975
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Sequence 13 from Patent WO0129235.
AX118630 GI:14035581
                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
/db_xref="taxon:32630"
/note="Adapter Eco"
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Mus musculus
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                                                                                                           Mycobacterium tuberculosis
Mycobacterium tuberculosis
Sasteria, Actinobacteria, Actinobacteridae; Actinomycetales;
Corymebacterineae; Mycobacteriaceae; Mycobacterium
tuberculosis complex.
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
nogo gene expression
Patent: WO 015103-A 237 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. 17
/organism="synthetic construct"
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/db xref="exxon:32630"
/note="Nucleic Acid"
                                                                                                                                                                                                                                              Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle basoilli
Patent: BP 1076699-A 101 14-FBB-2001.
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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/ organism="Mycobacterium tuberculosis"

/ mol type="genomic DNA"

/ db_xref="taxon:1773"

/ note="capture"
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AX139253 17 bp 1
Sequence 101 from Patent EP1076099.
AX139253
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Sequence 237 from Patent WO0159103.
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Best Local Similarity 82.4
Matches 14; Conservative
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Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2.172 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                               Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1623 16-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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/organism="synthetic construct"
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/db_xref="texcn:32630"
/note="Nucleic Acid"
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/noTe="Nucleic Acid"
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Seguence 2580 from Patent W00159103.
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1169 16-AUG-2001;
RIBOZYME PARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1168 16-AUG-2001;
RIBOZYMS PHRAMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/noTe="Nucleic Acid"
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/mol Lype="mkNA"
/db xref="texon 32630"
/noTe="Nucleic Acid"
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2767 16-AUG-2001;
RIBOZYMS PHRAMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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             Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the mcdulation and diagnosis of cd20 and
nogo gene expression
Patent: WC 0159103-A 2580 16-AUG-2001;
RIBOZYMS PHARACEUTICALLS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 2873 from Patent W00159103.
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RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) McSwiggen, James (US) ; Chowrira, Bharat M. (US) Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 3;
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0153103-A 3603 16-AUG-2001;
RIBOXYME HARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3627 16-AUG-2001;
RIBOXYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/db_xref="eaxon:32630"
/note="Nucleic Acid"
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Best Local Similarity 82.4%; Pred, No. 1e+03;
Matches 14; Conservative 0; Mismatches. 3;
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/organism="synthetic construct"
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/mol type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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Seguence 3603 from Patent WO0159103.
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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AX218161.1 GI:15528222
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Method and reagent for the inhibition of checkpoint kinase-1 (chk
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3753 16-AUG-2001;
RIBOZYMS PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, Jammes (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0157206-A 97 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels
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12.4%; Pred. No. 1e+03;
.ve 0; Mismatches 3;
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Sequence 3753 from Patent WO0159103.
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Sequence 97 from Patent WO0157206.
AX226725
AX226725.1 GI:15555866
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PAT 10-SEP-2001

AUTHORS TITLE

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linear PAT 10-SEP-2001
                                                                                                Fattaey, A.R., Jarvis, T., Mcswiggen, J., Booher, R.N. and Holman, P.S. Method and reagent for the inhibition of checkpoint kinase-1 (chk l) enzyme (checkpoint kinase-1) enzyme (checkpoint kinase-1). RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US) RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
1. .1 / Organism="synthetic construct" / Mol_type="many" / Mol_type="many"
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Patent: WO 0157206-A 1123 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 1124 from Patent W00157206.
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Patent: WO 157206-A 430 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/db_xref="taxon:32630"
/db_3 c
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/mol_type="mRNA"
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Sequence 837 from Patent WO0157206.
AX227465
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Sequence 430 from Patent WO0157206.
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Sequence 319 from Patent WO0162911.
AX272750 GI:16545487
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches
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Seguence 3159 from Patent WO0173002.
AX265768
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/db_xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method for identifying transposons from a nucleic acid database
Patent: WO 0163540-A 46 30-AUG-2001;
McGILL UNIVERSITY (CA)
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Targeted chromosomal genomic alterations with modified single
Brranded oligonucleotides
Fatent: WO 0173002-A 3158 04-OCT-2001,
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 46 from Patent WO0163540.
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AX235089.1 GI:15593737
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 319 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers Kmiec, B.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Fatent: WO 0173002.A 3159 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers Gaps .; 0 ö Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels

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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 623 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0165911-A 391 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Sequence 623 from Patent WO0162911.
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AX273054.1 GI:16545791
                                    AX272822
Sequence 391 from Patent WO0162911.
AX272822
AX272822.1 GI:16545559
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Sequence 292 from Patent WO0198537.
AX419955.1 GI:21524322
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Method and reagent for the inhibition of erg
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 57 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) , GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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            Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T. Nucleic acid accessible hybridization sites
Patent: Wo 0198537-A 292 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
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Pred. No. 1e+03;
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/mol_type="genomic DNA"
/db_xref="taxon:32630" 8 t
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Sequence 57 from Patent WO0188124,
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AX421721.1 GI:21525103
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AX422851/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 188124-A 565 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Rendi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1005 22-NOV-2001;
RIBOZYME PHARMACHALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
Patent: WO 0188124-A 332 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 565 from Patent WO0188124.
AX422229
AX42229.1 GI:21525611
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A.1550 22-NOV-2001;
RIBOZYME PHARRANCENTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1187 22-NOV-2001;
RIBOZYME PHARRACELS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
Score 12.2; DB 1; Length 17;
Pred. No. 1e+03;
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82.4%; Pred. No. 1e+03;
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Matches 14; Conservative
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AX423518/c LOCUS DEFINITION ACCESSION VERSION VERSYORDS SOURCE ORGANISM

RESULT 1199

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PAT 12-AUG-2002
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Memo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                 Homo sapiens (human)
Homo sapiens
Eukaryota / Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 238 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
                                                                                                                                                                         Zhang,J.

Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 237 28-MAR-2002;
Aeomica, Inc. (US)
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Sequence 519 from Patent WO0224750.
AX475298.1 GI:22214583
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_ref="taxon:9606" 2
Sequence 237 from Patent WO0224750.
AX475016
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                              AX475016.1 GI:22214301
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Homo sapiens
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AX475298/c
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KEYWORDS
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AX475017/c
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AUTHORS
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Rattus norvegicus
Eukaryots, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 088124-A.1884 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3; Indels
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                                                                                                                       mRNA
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Antiense oligonucleotides against vr1
Patent: WO 0218407-A 202 07-MAR-2002;
Gruenenthal GmbH (DE)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10116"
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Sequence 1854 from Patent W00188124.
AX423518
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Sequence 202 from Patent WO0218407.
AX456730
AX456730.1 GI:21715617
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/mol_type="mRNA"
/db_xref="taxon:9606"
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           1 TAAGCTTGGCCTAGCAT 17
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Homo sapiens
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Best Local Similarity 82.4
Matches 14; Conservative
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AX475016/c
LOCUS
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RESULT 1200 AX456730/c

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BASE COUNT

TITLE JOURNAL

FEATURES

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DEFINITION

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PAT 27-SEP-2002
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
                                 Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 492 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 696 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 696 from Patent BP1229046.
AX499389
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX499389
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AX499185
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ORGANISM
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Zhang,J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 519 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                 1.1%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 1e+03; trive 0; Mismatches 3; Indels
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Human kidney tumor overexpressed membrane protein :

Patent: WO 0224750-A 974 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Patent: BP 1229646-A 329 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 974 from Patent W00224750.
AX475753
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AX499022
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/organiem="Homo sapiens"
/mol_type="genomic DNA"
/db_ref="taxon:9606" 3
                                                                                                /organism="Homo sapiens"
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/organism="Homo sapiens"
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Homo sapiens
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Best Local Similarity 82.4
Matches 14; Conservative
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AX531669/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Human testis expressed patched like protein
Patent: BP 1229046-A 4228 07-AUG-2002;
Aeomica, Inc. (US)
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xzef="taxon:9606" 8
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Verrebrata; Bureleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
Homo sapiens (human)
Amos sapiens
Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominides; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1239051-A 1286 11-SEP-2002;
Aeomica, Inc. (US)
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Human nedd-1
Patent: WO 0226818-A 178 04-APR-2002;
Acomica, Inc. (US)
Location/Qualifiers
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AX531669 GI:25255124
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: BP 1239051-A 1803 11-SEP-2002;
Acomica, Inc. (US)
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Sequence 1803 from Patent EP1239051.
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Sequence 2043 from Patent EP1239051.
AX532534.1 GI:25256833
 Mismatches
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1239051-A 1797 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1801 11-SEP-2002;
Aeomica, Inc. (US)
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AX532288 GI:25256359
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Matches 14; Conservative 0; Mismatches 3;
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AX579066.1 GI:27648268
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Sequence 706 from Patent EP1243660.
AX545193. GI:25810404
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 93 25-SEP-2002;
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Patent: BP 1239051-A 2056 11-SEP-2002;
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Sequence 2056 from Patent EP1239051.
AX532547
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Sequence 93 from Patent EP1243660.
AX544580
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Sequence 128 from Patent
AX544615
AX544615.1 GI:25809826
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                                           AX532547.1 GI:25256859
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and tragent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 904 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria, Primates; Catarrhini, Hominidae, Homo.
Zhang,J., Gu,Y. and Nguyen,C.T.
Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 128 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 706 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1093 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
Location/Qualifiers
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Method and reagent for the inhibition of calcium activated chloride channel 1 (clca-1)
Patent: WO 021674-A 1519 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX579681.1 GI:2764883
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Sequence 1093 from Patent WO0211674.
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1) Patent: WO 0211644-A 1913 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Systems and method for detection assay production and sale Patent: WO 0244994-A S97 06-UUN-2002;
THIRD WAVE TECHNOLOGIES, INC. (US)
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                                  1.1%; Score 12.2; DB 1;
82.4%; Pred. No. 1e+03;
vative 0; Mismatches 3;
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Sequence 1913 from Patent W00211674.
AX580075.1 GI:27649277
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RESULT 1226 AX615236

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PAT 20-FEB-2003

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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Human lccl-domain containing protein
Patent: EP 1262488-A 689 04-DEC-2002;
Aeomica. Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 690 04-DEC-2002;
Aeomica, Inc. (US)
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Sequence 689 from Patent EP1262488.
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Sequence 739 from Patent BP1262488.
AX615932
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Human lccl-domain containing protein
Patent: EP 1262488-A 43 04-DEC-2002;
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Human lccl-domain containing protein
Patent: EP 1262488-A 148 04-DEC-2002;
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Sequence 43 from Patent EP1262488.
AX61236
AX615236.1 GI:28446135
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 126 08-JAN-2003;
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                        Gu,Y. and Nguyen,C.T.
Human lccl-domain containing protein
Patent: EP 1262488-A 739 04-DEC-2002;
Aeomica. Inc. (US)
Location/Qualifiers
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/organisme"Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 149 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1273660-A 927 08-JAN-2003;
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AK649087
AK649087 GI:29151905
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AX648309 AX648309.1 GI:29151127
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/ 3 g 6
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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Location/Qualifiers
Location/Qualifiers
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Homo sapiens
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Best Local Similarity 82.44
Matches 14; Conservative
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Best Local Similarity 82.4
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 1364 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualiflers
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Patent: EP 1273560-A 1365 08-JAN-2003;
Aeomica, Inc. (US)
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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Sequence 100 from Patent WO03004526.
AX671655 GI:29330003
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               AX649524 100 DNA 17 bp DNA Sequence 1364 from Patent BP1273660. AX649524
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/organism="Homo sapiens"
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Homo sapiens
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AX671655
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AX649525
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Momo gapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human sodium-hydrogen exchanger like protein l
Patent: BP 1273660-A 1221 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 928 08-JAN-2003,
Aeomica, Inc. (US)
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Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches
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Sequence 1221 from Patent BP1273660.
AX649381
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Sequence 928 from Patent EP1273660.
AX649088 AX649088.1 GI:29151906
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/organism="Homo sapiens"
/wol_type="genomic DNA"
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/db_xref="taxon:9606"
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Homo sapiens
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AX672829/c
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                           Telerman, A., Amson, R. and Tuijnder, M.
Tequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 100 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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Patent: WO 03004526-A 672 16-JAN-2003;
Molecular Engines Laboratories (FR)
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Sequence 1236 from Patent W003004526.
AX672791 GI:29331139
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/mol_type="genomic DNA"
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Best Local Similarity 82.4
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: Wo 03004526-A 1274 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1275 from Patent W003004526.
AX672830
medicines
Patent: WO 03004526-A 1236 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1274 from Patent W003004526.
AX672829
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Best Local Similarity 82.4
Matches 14; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
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Patent: WO 03004526-A 1486 16-JAN-2003;
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Sequence 1486 from Patent WO03004526.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Skaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primetes; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                      Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use medicines
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1854 from Patent W003004526.
AX673409
  0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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PAT 27-MAR-2003

RESULT 1248 AX673431 LOCUS

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE

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FEATURES

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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Mus sp.
Bukaryot, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                    AX673484 17 bp DNA Sequence 1929 from Patent WO03004526.
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/organism="Mus sp."
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AX673484.1 GI:29331832
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AX684313
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: WO 03004526-A 1888 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03004526-A 1876 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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    17 TGAATTTCCTCAGGATC
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RESULT 1249
AX673443/c
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RESULT 1250

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 Inc. (US)
Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Acomica, Inc. (US)
Location/Qualifiers
Location/Qualifiers
/ organism="Homo sapiens"
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f 4 a 5 c 6 g 2 t
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                                      Fabre, J.
Stimulation of the immune system
Patent: WO 02083183-A 1 24-OCT-2002;
King's College London (GB)
Location/Qualifiers
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Sequence 282 from Patent BP1281758.
AX687550
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Sequence 281 from Patent EP1281758.
AX687549.1 GI:29410245
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Matches 14; Conservative 0; Mismatches 3; Indels
1.1%; Score 12.2; DB 1; Length 17; ilarity 82.4%; Pred. No. 18+03; Conservative 0; Mismatches 3; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 982 from Patent EP1281758.
AX688250. GI:29410950
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Sequence 283 from Patent BP1281758.
AX687551. GI:29410247
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/organism="Homo sapiens"
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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AX690365/c
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DEFINITION Sequence 3097 from Patent EP1281758.
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Acomica, Inc. (US)
Location/Qualifiers
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Homo sapiens
Eukaryota, Metazoa; Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Aeomica, Inc. (US)
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Sequence 1379 from Patent EP1281758.
AX688647.1 GI:29411349
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mda12
Patent: EP 1281758-A 3272 05-FEB-2003;
Aeomica, Inc. (US)
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Acomica, Inc. (US)
Location/Qualifiers
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                                                                                                                                          Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Matches 14; Conservative 0; Mismatches 3; Indels
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Acomica, Inc. (US)
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Sequence 3272 from Patent BP1281758.
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Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 4577 from Patent BP1281758.
AX691845.
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 5425 05-FEB-2003;
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                    Eukaryoča, Metazoa, Chordata; Craniata; Vertebrata, Euteleostomi,
Mammalia; Eutheria; Primates; Catarrhini, Hominidae; Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 5829 from Patent BP1281758.
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AX693097.1 GI:29416061
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 6016 from Patent 3
AX693284
AX693284.1 GI:29416248
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                                                  PAT 31-MAR-2003
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Pour human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalla, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5360 from Patent BP1281758.
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Sequence 5361 from Patent EP1281758.
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AX692629.1 GI:29415587
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Location/Qualifiers
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Sequence 5425 from Patent EP1281758.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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Shannon, M.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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82.4%; Pred. No. 1e+03;
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Acomica, Inc. (US)
Location/Qualifiers
                            Patent: EP 1281758-A 6016 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 6105 from Patent EP1281758.
AX693373
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/organism="Homo gapiens"
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Best Local Similarity 82.4
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AX693373
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12

Patent: EP 1281758-A 6122 05-FEB-2003;

Acomica, Inc. (US)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 1
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Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1285963-A 61 26-FEB-2003;
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/organism="Homo sapiens"
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Sequence 61 from Patent EP1285963.
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Location/Qualifiers
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PAT 08-MAY-2003
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                                                                                                                                                    Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Nus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                   Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Daten: WO 03025176-A 853 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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Patent: WO 03025176-A 898 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                            Sequence 853 from Patent W003025176.
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Sequence 900 from Patent WO03025176.
AX723213
                                                                                                                                                                                                                                                                                                                                           /organism="Mus musculus"
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/db_xref="taxon:10090"
1 7 c 2 g
                                                                                                                   Mus musculus (house mouse)
Mus musculus
                                                                                     AX723166.1 GI:30423667
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Best Local Similarity
Matches 14; Conserv
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AX723211
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Patent: WO 03025176-A 290 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                AX722603 17 bp DN Sequence 290 from Patent WO03025176.
AX722603
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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760 AGATGGCAGAACTGGAG 776
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Conservative
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Best Local Similarity
Matches 14; Conserv
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AX722603/c
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                   Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 900 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Pred. No. 1e+03;
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Molecular Englines Laboratories (FR)
Location/Qualifiers
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Seguence 1249 from Patent W003025176.
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
2 c 6 g 4
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/db_xref="taxon:10090"
5 c 3 g
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                           Mus musculus (house mouse)
Mus musculus
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AX723562.1 GI:30424063
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AX723213.1 GI:30423714
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AX723562
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AX723369
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Nas musculus
Eukaryota, Metazoa, Chordata, Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria, Rodentia, Sciurognathi; Muridae, Murinae, Mus.
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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                                                  Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 1249 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
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AX723613.1 GI:30424114
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AX724469
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinee; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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1.1%; Score 12.2; DB 1; Length 17;
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Patent: WO 03025176-A 1878 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
medicines
Patent: WO 03025176-A 1403 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                              Sequence 1660 from Patent WO03025176.
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Sequence 1878 from Patent W003025176.
AX724191 GI:30503534
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/db_xref="taxon:10090"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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AX724191
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Patent: WO 03025176-A 1931 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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Mus musculus
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AX725987/c
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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1.1%; Score 12.2; DB 1; Length 17; llarity 82.4%; Pred. No. 16+03; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                  17 bp DNA
Sequence 2437 from Patent W003025176.
AX724750
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
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/organism="Mus musculus"
/mol_type="genomic DNA"
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Mus musculus
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                                                               685 GATCTGCACACCGCTTC 701
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            PAT 08-MAY-2003
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Sequence 3205 from Patent W003025176.
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/db_xref="taxon:10090"
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Mus musculus
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rođentia, Sciurognathi, Muridae, Murinae, Mus
                 Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
                                                                                                               Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03028176-A 4143 27-WAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualiflers
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Molecular Engines Laboratories (FR)
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/mol_type="genomic DNA"
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AX726944.1 GI:30506287
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Patent: WO 03025176-A 3776 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4143 from Patent W003025176.
AX726456
AX726456.1 GI:30505799
        17 bp DNA
Sequence 3776 from Patent W003025176.
AX726089
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Mammalia, Eutheria, Rođentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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           Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 03025176-A 4631 27-MAR-2003;
Molecular Engines Laboratoxies (FR)
Location/Qualifiers
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Patent: WO 03025176-A 4664 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4664 from Patent W003025176.
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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                                                                                                                                         organism="Mus musculus"
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/db_xref="taxon:10090"
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AX726977.1 GI:30506320
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82.48;
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Best Local Similarity 82.4
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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AX727450/c
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DEFINITION
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AX726977/c
LOCUS
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Patent: WO 03025176-A 5459 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Patent: WO 03025176-A 5137 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5375 from Patent WO03025176.
AX727688
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/db_xref="taxon:10090"
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                                                                                               /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                 Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
live 0; Mismatches 3;
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Patent: WO 03025175-A 173 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches
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AX728539
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                                                        18 CTACCGCGGCTAGGTTC 34
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Matches 14; Conserv
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Musinae, Mus.
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                       Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels
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tive 0; Mismatches 3; Indels
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AX728186.1 GI:30507529
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Patent: WO 03025176-A 5873 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-A 5682 27-MAR-2003;
Molecular Engines Laboratories (FR)
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5 c 2 g
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Best Local Similarity 82.4;
Matches 14; Conservative
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AX727995
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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2.4%; Pred. No. 1e+03;
e 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
iive 0; Mismatches 3;
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Patent: WO 03025175-A 1484 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
17 bp DNA
Sequence 1484 from Patent W003025175.
AX729850
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Homo sapiens
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Best Local Similarity
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Potecutar Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 594 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                              17 bp DN Sequence 348 from Patent WO03025175. AX728714
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Sequence 594 from Patent WO03025175.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3026 from Patent WO03025175.
AX731392
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4830 27-MAR-2003;
Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 3026 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5222 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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 Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Query Match
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
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82.4%; Pred. No. 1e+03;
iive 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4<sup>§</sup>
Matches 14, Conservative
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PAT 08-MAY-2003

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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoiss and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 887 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025177-A 759 27-MAR-2003;
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Sequence 759 from Patent WO03025177.
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03025177-A 83 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Patent: WO 03025175-A 5495 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 83 from Patent WO03025177.
AX734493
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX733861.1 GI:30513204
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoesis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302177-A 2804 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003;
Patent: WO 3030217-A 4825 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 4825 from Patent W003025177.
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                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                      Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177A 1532 27-WAR-2003;
Molecular Engines Laboratories (PR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments batent: WO 30302177.A 2582 27-MAR-2003; Molecular Engines Laboratories (FR)
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Pred. No. 1e+03;
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Sequence 2804 from Patent W003025177.
AX737214
Sequence 1532 from Patent WO03025177.
AX735942
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/db_xref="teaxon:32630"
/nofe="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
  1. .17
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/nb_xref="texon:32650"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence~Synthetic Probe Sequence"
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S Schi, T.R., Lingmar, J., Nakamura, T., Chapman, K.B., Mori, G.B., Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit
D Patent: P 2001.081042-A 142 27-MAR-2001,
GENON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/142
PD 27-MAR-2001
PP 27-MAR-2001
                                                                                                                                                      1.1%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 1e+03; tive 0; Mismatches 3; Indels
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BD011185.1 GI:18639558
JP 2001081042-A/142.
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Sequence 22 from Patent WO03027328.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3025177-A 4874 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177 A 4973 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 10 from Patent W003027328.
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/db_xref="taxon:9606"
2 c 3 g 6
                                                                                                                                   /organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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CC Strandedness: Single;
CC Topology: Linear;
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BD067453.1 GI:22613056
JP 2001511003-A/293.
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                                                                                                                                                          CALVIN B HARLEY, WILLIAM H ANDREWS
AGINSB/00, AGIN31/7088, AGIN39/00, AGIP35/00, AGIP43/00,
CO785/10,
CO785/107, CO785/117, CO787/06, CO787/08, CO7816/40, CI2N9/12, PC
                                                                                                       GREG B
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Corymapacterium tuberceria; Actinobacterias
Corymapacterineas; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
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Suzuki, S., Nishida, M. and Takenishi, S.
Buzuki, S., Nishida, M. and Takenishi, S.
Diagnosis kit of tubercle bacillus
Patent: JP 2001103981-A 101 17-APR-2001;
NISSHINBO IND INC, SYSTEM RESEARCH CO LTD
S Mycobacterium tuberculosis
PN JP 2001103981-A/101
PP 72-CJUL-2000 JP 2000225985
PP 76-JUL-2000 JP 2000225985
PP 76-JUL-2000 JP 2000279 CL 2015/09, CL 2017/00, CL 201/68/(CL 201/68, CL 2011:322), PC (CL 201/68, CL 2011:322), PC (CL 201/68, CL 2011:322), CC (CL 201/68, CL 2011:323), CL 2011/68, CL 2011:323), CL 2011/68, CL 2011:323)
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PC AGINS9/00, AGINS31/7088, AGINS9/00, AGINS9/12, PC COTKS/107, COTKS/117, COTK7/06, COTK7/08, COTK16/40, C12N9/12, PC C12N15/09, PC C12Q1/02, C12Q1/48, C12Q1/68, GOINS3/15, GOINS3/53, PC GOINS3/53, PC GOINS3/53, PC C12Q1/033/53, AGINS3/53, AGINS3/53, AGINS3/53, AGINS3/53, PC C TOPOLOGY: Linear; CC Topology: Linear; CC Topology: Linear; CC Topology: Linear; CT To
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25-APR-1997 US 08/846017,06-MAY-1997 US 08/851843 PR 09-MAY-1997 US 08/911312 PR 14-AUG-1997 US 08/911312 PR 14-AUG-1997 US 08/912951,14-AUG-1997 US 08/915503 PI R SECHI,JOACHIM LINGNER,TORU NAKAMURA,KAREN B CHAPMAN, PI MORIN,
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Diagnosis kit of tubercle bacillus.
BD013537
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/organism="unidentified"
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- 5 c 7 g 1
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Location/Qualifiers
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Best Local Similarity
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BD013537/c
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BD067453
Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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Akhtar,S., Fell,P. and Mcswiggen,J.A.
Brzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
Patent: JP 201511003-A 293 07-ANG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
                   PAT 27-AUG-2002
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                             Library Library Library Library Library Library Library Library Schlingensiepen, K.H. and Brysch, W.
TITLE An antisense oligomicleotide preparation method
JOURNAL Patent: JP 201511000-A 560 07-AUG-2001;
BIGGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKnown PP 2001511000-A/560
BD 07-AUG-2001
PP 30-JAN-1998 UP 1998532533
PR 31-JAN-1997 EP 9710157*
PI KARL HERMANN SCHF*
PC C12N15/11
                                                                                                                                                                                                                                                                                                              Unknown
JP 2001511000-A/560
JP 2001511000-A/560
30-JAM-1998
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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An antisense oligonucleotide preparation method.
BD065925
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PN JP 2001511003-A/293
PD 07-AUG-2001
PF 14-JAN-1998 UP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Unclaisilied

I (bases 1 to 17)

S Akhtar, S., Fell, P. and Mcswiggen, J.A.

Barymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Brozwne Pharwaccuricals INC, ASTON UNIV

OS Unidentified

PP 14-JAN-1998 JP 1998532913

PP 14-JAN-1998 UP 1998532913

PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US (8/985162 PI SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC C12N9/00, C07X14/71

CC Strandedness: Single;

CC Topology: Linear;

CC Enzymatic nucleic acid treatment of diseases or conditions CC
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         conditions related
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Patent: JP 2001520520-A 5 30-OCT-2001;
MAX PLANCK GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV
OS Artificial Sequence
PN JP 2001520520-A/5
PF 22-APR-1998 JP 1998544739
PR 24-APR-1997 DE 197 17 346.2
PR R24-APR-1997 DE 197 17 346.2
PC C12Q1/68
CC Description of the Artificial Sequence: 'DNA probe' FH Key
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Enzymatic nucleic acid treatment of diseases or conditions
related to
levels of epidermal growth factor receptors
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Enzymatic nucleic acid treatment of diseases or
to levels of epidermal growth factor receptors.
BD067805
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82.4%; Pred. No. 1e+03;
trive 0; Mismatches 3;
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| /organism="unidentified"
| /mol_type="genomic RNA"
| /db_ref="taxon:32644" | 7
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artificial sequences.
1 (bases 1 to 17)
Hakenbeck, R.
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BD072779
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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
Key
    Enzymatic nucleic acid treatment of diseases or conditions related to
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                         levels of epidermal growth factor receptors Key

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    /organism='Unidentified'

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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic RNA"
/db_tref="taxon:32644" 4
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/organism="unidentified"
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/db_xref="taxon:32644"
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BD067805/c
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BD067520
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Matches 14; Conservative
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MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV
OS Artificial Sequence

PN JP 200152349-A/14

PD 27-NOV-2001

PR 18-NOV-1999 DP 200521181

PR 18-NOV-1997 EP 97120190.0,02-MAR-1998 EP 98103596.7 PI
BERNHARD HERRWANN, BIRGIT KOSCHORZ, ANDREAS KISPERT PC
C12N15/09, A01K67/027, A61K31/7088, A61K38/45, A61K39/395, A61K48/ PC
OOTAL6/40, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/12 PC
C12Q1/68/A61K85/12,
PC C12P21/08/C12N15/09, A61K37/52, C12N5/00
PC C12P21/08/C12N15/10, A61K37/52, C12N5/00
PC C12P21/08/C12N15/10, A61K37/52, C12N5/00
PC C12P21/08/C12N15/10, A61K37/52, C12N5/00
PC Description of Artificial Sequence: synthetic no-natural CC
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BD091425.1 GI:22637036
JP 2001523449-A/14.
Synthetic construct
artificial sequences.
1 (bases 1 to 17)
Herrmann, B., Koschorz, B. and Kispert, A.
Nucleic acids involved in the responder phenotype and applications thereof
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Nucleic acids involved in the responder phenotype and applications
thereof.
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1e+03;
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organism='Artificial Sequence'
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Pred. No. 1e+03;
); Mismatches 3;
             1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 2 c 9 g 3 t
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                                                                                                         1.1%; Score 12.2; D
82.4%; Pred. No. 1e+0
:ive 0; Mismatches
Location/Qualifiers
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WO 0192572-A/562.
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artificial sequence.

In (bases 1 to 17)

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Rit and method for determining HLA type
Patent: WO 0192572-A 1235 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
OS Artificial Sequence
PN WO 0192572-A/1235
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JPD004662
PR 01-JUN-2001 JP 00P 164799
PR 01-JUN-2000 JP 00P 164799
PR 19 SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68,C12M1/00,C12N15/09,G01N33/53
CC Description of Artificial Sequence:capture
PT SOURCE
PT SOURCE

//organism='Artificial Sequence'.
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inloko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Kit and method for determining HLA 1
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BD105131.1 GI:22650705
WO 0192572-A/1235.
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106 GACTGGTCAAGAACGG 122
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GREG B
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PC (C12N1/21,C12R1:19), (C12N9/12,C12R1:19), (C12N9/12,C12R1:84),

PC (C12N1/21,C12R1:19), (C12N9/12,C12R1:19), (C12N9/12,C12R1:84),

PC (C12N1/21,C12R1:19), (C12N15/00,A61K37/64,C12N5/00 CC

Strandedness: Single,

CC Topology: Linear,

Location/Qualifiers

FT source Location/Qualifiers

/organism='Unidentified'.
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PD 21-SER-1999
PF 15-OCT-1998 UP 1998320169
PF 01-0CT-1998 UP 1998320169
PF 01-0CT-1998 UP 08/246.017,06-MAY-1997 US 08/841.419, PR 09-MAY-1997 US 08/851.643, PR 09-MAY-1997 US 08/851.050,14-AUG-1997 US 08/951.312, PR 09-MAY-1997 US 08/951.050,14-AUG-1997 US 08/951.312, PR PROFILE OF URL OF URL
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1 (bases 1 to 17)

Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M., Calvin,B.H. and William,H.A.
Human telomerase catalyfic subunit promoter
Patent: JP 199253177-A 142 21-SEP-1999;
JERON CORP,UNIVERSITY TECHNOLOGY CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ..
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Human telomerase catalytic subunit promoter.
B36934
B36934.1 GI:13022897
OF 1999253177-A/142.
unidentified
unidentified
                                                                                            1.1%; Score 12.2; DB 1;
ilarity 82.4%; Pred. No. 1e+03;
Conservative 0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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117936/c
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Unknown.
Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
1 Hubbell,E.A., Lipshutz,R.J., Morris,M.S. and Winkler,J.L.
Computer-aided engineering system for design of sequence arrays and lithographic masks
Patent: US 5593839-A 2 14-JAN-1997;
Location/Qualifiers
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Hubbell,E.A., Morris,M.S. and Winkler,J.L.
Computer aided engineering system for design of sequence arrays and
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1 (bases 1 to 17)
Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Salviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
Cox,W.I., Audonnet,J.-C.F. and Gettig,R.R.
NYVAC vaccinia virus recombinants comprising heterologous inserts
Patent: US 5494807-A 167 27-FEB-1996;
Location/Qualifiers
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Patent: US 5571639-A 2 05-NOV-1996;
Location/Qualifiers
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Sequence 2 from patent US 5593839.
133620.
133620.1 GI:1824411
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Sequence 2 from patent US 5571639.
128328.1 GI:1819104
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Unclassified.
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Stinchcomb.D.T. Draper,K., McSwiggen,J. and Jarvis,T.
C-mb targeted ribozymes
Patent: US 5646042-A 542 08-JUL-1997;
Location/Qualifiers
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Stinchcomb, D.T. Draper, K., McSwiggen, J. and Jarvis, T. C-myb targeted ribozymes
Patent: US 5646642-A 2151 08-UUL-1997;
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 2151 from patent US 5646042.
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Sequence 542 from patent US 5646042.
I52801.1 GI:2474002
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Sequence 17 from patent US 5691196.
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176402.1 GI:3012556
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Mak, P. and Karathanasis, S.K.
Mechanism-based screen for retinoid X receptor agonists and
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I (bases 1 to 17)
Mak, P. and Karathanasis, S.K.
Mechanism-based screen for retinoid X receptor agonists and
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Unknow...
Unclassified.
1 (bases 1 to 17)
Mak, P. and Karathanasis, S.K.
Recombinant nucleic acid containing a response element
Retent: US 5691196-A 17 25-NOV-1997;
Location/Qualifiers
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Location/Qualifiers
1. 17
/organism="unknown"
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Patent: US 5714595-A 17 03-FEB-1998;
Location/Qualifiers
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Sequence 17 from patent US 5700650.
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Sequence 17 from patent US 5714595.
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Best Local Similarity 82.4<sup>†</sup>
Matches 14<sup>‡</sup> Conservative
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/organism="unidentified"
/wol_type="genomic DNA"
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Mak, P. and Karathanasis, S.K.
Mechanism based screen for retinoid X receptor agonists and
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Sequence 17 from patent US 5700682.
186244.1 GI:3205962
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Patent: US 5700682-A 17 23-DEC-1997;
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Sequence 12 from patent US 5734033.
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Sequence 25 from Patent WO9744485.
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A67605.1 GI:4756468
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1 (bases 1 to 17)
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Best Local Similarity 82.4
Matches 14; Conservative
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Unclassified.

1 (bases 1 to 18)
Goodfellow, P.N.
Methody on identifying a mutation in a gene of interest without a phenotypic guide
Phenotypic guide
Patent: US 5994075-A 25 30-NOV-1999;
Location/Qualifiers
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1 (Jaseis 1 to 12)
Vasseur,M., Blumenfeld,M., Meguenni,S. and Poddevin,B.
STAPLE AND SEMI-STAPLE OLIGONUCLEOTIDES, METHOD OF PREPARATION AND
APPLICATIONS
Patent: WO 9423026-A 1 13-OCT-1994;
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unclassified.

1 (bases 1 to 18)
Goodfellow, P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PATENT: WO 9744485-A 25 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
Location/Qualifiers
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Other publication FR 2703053 940930.
Location/Qualifiers
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Sequence 1 from Patent W09423026.
A40125
A40125.1 GI:2296283
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 a 5 c 5 g
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Seguence 8 from patent US 5869643.
AR034894.1 GI:5950499
Sequence 8 from patent US 5780613.
AR018207
AR018207.1 GI:3973810
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Sequence 1 from patent US 5866700.
AR032140
AR032140.1 GI:5946429
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/organism="unknown"
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Letsinger.R.L. and Herrlein,M.K.
Covalent lock for alf-assembled oligonucleotide constructs
Patent: US 5780613-A 7 14-7UL-1998;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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METHOD OF NUCLEIC ACID ANALYSIS
PATCHI: MO 9627681-A 41 12-SEP-1996;
IMP CANCER RES TECH (GB)
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ilarity 100.0%; Pred. No. 8.6
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Sequence 7 from patent US 5780613.
AR018206
AR018206.1 GI:3973809
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Sequence 41 from Patent W09627681.
A56751
 /db_xref="taxon:32644"
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Unknown.
Unclassified.
1 (bases 1 to 12)
Chatelain,F. and Kumarev,V.
Process for preparing polymucleotides on a solid support in a tightly packed bed
tightly packed bed
Patent: US 5869643-A 8 09-FEB-1999;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 12)

Letsinger, R.L. and Herrlein, M.K.

Covalent lock for self-assembled oligonucleotide constructs

Patent: US 5780613-A B 14-JUL-1998;

Location/Qualifiers
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100.0%; Pred. No. 8.6e+02;
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1 (bases 1 to 12)

Pfleiderer,W., Schnell,R. and Matysiak,S.
Solid-phase synthesis of oligoribonucleotides
Patent: US 5866700-A 1 02-FEB-1999;
Location/Qualifiers
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PAT 29-SEP-1999
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Unclassified.
1 (bases 1 to 12)
Kool, E.T.
Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 15 16-FEB-1999;
Location/Qualifiers
                                               1 (bases 1 to 12)
Kool,E.T.
Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 11 16-FEB-1999;
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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Unclassified.
1 (bases 1 to 12)
Kool,E.T.
Highly sensitive multimeric nucleic acid probes
Patent: US 6077668-A 7 20-UUN-2000;
Location/Qualifiers
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Sequence 7 from patent US 6077668.
AR098649.
AR098649.1 GI:12808415
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/organism="unknown"
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Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 8 16-FEB-1999;
Location/Qualifiers
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Unknown:
Unclassified.

1 (bases 1 to 12)
Chatclain,F. and Kumarev,V.
Process for preparing polymucleotides on a solid support in a tightly packed bed
tightly packed bed
Patent: US 5869643-A 14 09-FEB-1999;
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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Sequence 14 from patent US 5869643.
AR034897.
AR034897.1 GI:5950502
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Sequence 11 from patent US 5872105.
AR036348
AR036348.1 GI:5953016
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Sequence 8 from patent US 5872105.
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Prakash,T.P.
2'-O-acetamido modified monomers and oligomers
Patent: US 6147200-A 5 14-NGV-2000;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 12)
Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and
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Unclassified.
I (bases 1 to 12)

Manoharan,M.
Processes for the synthesis of oligomeric compounds
Processes for
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Sequence 5 from patent US 6147200.
ARI41899
ARI41899.1 GI:15101415
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Sequence 1 from patent US 6169177.
AR123340.1 GI:14108306
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Sequence 2 from patent US 6169177.
AR123341 GI:14108307

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    /organism="unknown"

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Unclassified.
1 (bases 1 to 12)
Manoharan,
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AR123340/c
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AR123341/c
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Unclassified.
1 (bases 1 to 12)
1 (bases 1 to 12)
Dalle,R.M.K., Gatton,S.L. and Arrow,A.
Pulmonary delivery of protonated/acidified nucleic acids
Patent: US 6211162-A 5 03-APR-2001;
Location/Qualifiers
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1 (Dases 1 to 12)

Dale, R.M.K., Gatton, S.L. and Arrow, A.
Pulmoary delivery of protonated/acidified nucleic acids
Patent: US 6211162-A 6 03-APR-2001;
Location/Qualifiers
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ive 0; Mismatches 0; Indels
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Sequence 5 from patent US 6211162.
AR145143
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Sequence 6 from patent US 6211162.
AR145144 AR145144.1 GI:15107011
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Poly(ether-thioether), poly(ether-sulfoxide) and poly(ether-sulfone) mucleic acids
Patent: US 6348583-A 20 19-FEB-2002;
Location/Qualifiers
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Sequence 19 from patent US 6348583.
AR194729
AR194729.1 GI:20241321
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Sequence 16 from patent US 6359194.
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Unclassified.
Unclassified.
I (bases 1 to 12)
Guegler.K., Tan.R. and Rose,M.J.
Methods and compositions for producing full length cDNA libraries
Patent: US 6326175-A 5 04-DEC-2001;
Location/Qualifiers
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1 (bases 1 to 12)
Dale, K.M.K., Arrow, A., Gatton, S.L. and Thompson, T.
Protonated/acidified nucleic acids and methods of use
Patent: US 6211349-A 5 03-APR-2001;
Location/Qualifiers
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Protonated/acidified nucleic acids and methods of use
Patent: US 6211349-A 6 03-APR-2001;
Location/Qualifiers
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AR145317
AR145317.1 GI:15107184
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20 aguance 5 from patent US 6326175.

AR179430.1 GI:20220985
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Sequence 6 from patent US 6211349.
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PAT 06-JUL-2002
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Detection system for separating constituents of a sample and production and use of the same
production and use of the same
Patent: WO 0071747A 3 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Query Match 1.1%; Score 12; DB 1; Length 12; Best Local Similarity 100.0%; Pred. No. 8.6e+02; Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="Region A"
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Xurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 18 06-AUG-2002;
Location/Qualifiers
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Sequence 18 from patent US 6429300.
AR222458
AR222458.1 GI:23329989
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Sequence 3 from Patent WO0071747.
AX048404 AX048404.1 GI:12225568
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artificial sequences.
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AX048404/c
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AX452475
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                                                    Unknown.
Unclassified.
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Galvin, K., Falb,D.A., Domovan,M.J., Huszar,D. and Gimbrone,M.A. Jr..
Compositions and methods for the treatment and diagnosis of
Cardiovascular disease
Cardiovascular disease
Patent: US 6359194-A 16 19-MAR-2002;
Location/Qualifiers
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Guegler,k., Tan,R. and Rose,M.J.
Guegler,k., Tan,R. and Rose,M.J.
Fusion protein comparising an eFF-4E domain and an eFF-4G domain
joined by a linker domain
Patent: US 6369199-A 5 09-APR-2002;
Location/Qualifiers
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Circular DNA vectors for synthesis of RNA and DNA
Patent: US 6368802-A 7 09-APR-2002;
Locarion/Qualifiers
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Sequence 5 from patent US 6369199.
AR205694.1 GI:21503342
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/organism="unknown"
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AR201467.1 GI:20252355
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AR204723/c
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AR205694
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PN JP 2001299396-A/18

PD 30-0CT-2001

PF 25-APR-2000 JP 2000123755

PI KOICHI NISHIGAKI, TSUTOMU TAKASAWA, KEIICHI HAMANO PC

C1201/68, C12N15/99, G01N21/64, G01N27/447, G01N27/447, G01N33/50 CC

FH Key Logation/Qualifiers
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BD093390.1
BD093390.1
G1:22638978
WO 010455-A/6.
Synthetic construct
artificial sequences.

I (bases 1 to 12)
I (bases 1 to 12)
SANKYO CO TD, TAKESHI INANISHI, SATOSHI KCHIGA
OO 107455-A/6
PN WO 0107455-A/6
PN WO 0107455-A
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                                                                                  unidentified unidentified unidentified.
Unclassified.
1 (bases 1 to 12)
Nishigaki, K., Takasawa, T. and Hamano, K.
Method for identifying organism by genotype Patent: JP 2001299398-A 18 30-OCT-2001;
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="unidentified"
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/db_xref="taxon:33644"
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                                      BD062293.1 GI:22607898
JP 2001299398-A/18.
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                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                               Salceda, S., Macina, R.A., Recipon, H., Cafferkey, R., Ali, S., Sun, Y.
                                                                                                                                                                                                                                                      and Liu,C.
Compositions and methods relating to prostate specific genes and
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PN JP 200129938-A/7
PD 30-007-2001
PF 25-APR-2000 JP 2000123755
PI KOICHI NISHIGAKI, TSUTOMU TAKASAWA, KEIICHI HAMANO PC
C1201/68, C12N15/09, G01N21/64, G01N27/447, G01N27/447, G01N33/50 CC
FN Key
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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DEFINITION Method for identifying organism by genotype.
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Method for identifying organism by genotype.
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unclassified.
1 (Dases 1 to 12)
Nishigaki, K., Takasawa, T. and Hamano, K.
Method for identifying organism by genotype
Patent JP 2001299398-A 7 30-OCT-2001;
                                                                                                                                                                                                                                                                                                       proteins
Patent: WO 0242463-A 109 30-MAY-2002;
Diadexus, Inc. (US)
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| organism="Homo sapiens"
| /mol_type="genomic DNA"
| /db_xref="taxon:9606" 0
Sequence 109 from Patent WO0242463.
AX452475
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Location/Qualifiers
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JP 2001299398-A/7.
unidentified
                                                           AX452475.1 GI:21712385
                                                                                                            Homo sapiens (human)
Homo sapiens
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BD062282
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Gaps

BD175803/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS

SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

RESULT 1387

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PAT 07-OCT-1996
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Unclassified.
I (bases 1 to 12)
Kool,E.T.
Stem-loop oligonucleotides containing parallel and antiparallel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Stem-loop oligonucleotides containing parallel and antiparallel binding domains domains Patent: US 5514546-A 18 07-MAY-1996; Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 12)
Xool,E.T.
Methods of making single-stranded circular oligonucleotides
Patent: US 5426180-A 15 20-UUN-1995;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.6e+02;
vative 0; Mismatches 0; Indels
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Sequence 1s from patent US 5426180.
112569.1 GI:909952
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Sequence 19 from patent US 5514546.
120204.1 GI:1600559
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Sequence 18 from patent US 5514546.
120203
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1 (bases 1 to 12)
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120203
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                                                                           PAT 18-MAR-2003
                                                                                                                                                                                                                                                         Artificial Sequence
JP 2002255990-A/6
JL-SEP-2002
J9-NOV-2001
JP-NOV-2001
JAKESHI IMANISHI, SATOSHI KOHIGA
COTHIB/06, AGIK31/712, AGIK48/00, AGIP31/18, CO7H19/16, C07H21/00,
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Kool,E.T.
Methods of making single-stranded circular oligonucleotides
Patent: US 5426180-A 8 20-JUN-1995;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                    P. 13-15-2010 JP 2001352543
PI TAKESHI IMANISHI, SATOSHI KCHIGA
PC COTH19/06, A61K31/712, A61K48/00, A61P31/18, C07H19/16, C
PC C12N15/09
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PC Lesting the nuclease resistance
CC testing the nuclease resistance
FH Key
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PT source
| /organism='Artificial Sequence'.
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                                                                 12 bp DNA linear 2'.4'-BNA oligonucleotide having N3'-P5' binding. BD175803
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synthetic construct
artificial sequences.

1 (Dases 1 to 12)
Imanishi, T. and Kohiga, S.
2'-4'-BNA oligonuclectide having N3'-F5' binding
Patent: JP 2002255990-A 6 11-SEP-2002;
SANKYO CO LTD
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100.0%; Pred. No. 8.6e+02;
ative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 8 from patent US 5426180.
112562.
112562.1 GI:909946
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Best Local Similarity 100.(
Matches 12; Conservative
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12 AAAAAAAAAA 1
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I12562
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PAT 06-FEB-1997
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Unclassified.
1 (bases 1 to 12)
Switzer, C.
Antisense oligonuclectides comprising 5-aminoalkyl pyrimidine
nuclectides
                                                                                                                                   Unknown.,
Unclassified.
1 (bases 1 to 12)
Switzer,C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine
nucleotides oligonucleotides 1 21-JAN-1997;
Patent: US 5596091-A 3 21-JAN-1997;
Location/Qualifiers
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1 (bases 1 to 12)
Switzer,C.
Antiserse oligonucleotides comprising 5-aminoalkyl pyrimidine nucleotides
Patent: US 5596091-A 8 21-JAN-1997;
Location/Qualifiers
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                                                 linear
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Sequence 9 from patent US 5596091.
134644 1 GI:1825435
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equence 8 from patent US 5596091.
134643.1 GI:1825434
                                            Sequence 3 from patent US 5596091.
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                                                                                        134638.1 GI:1825429
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                   RESULT 1394
134638/c
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134643/c
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134644
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Unknown:
Unclassified.

1 (bases 1 to 12)
Switzer,C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine nucleotides
Patent: US 5596091-A 1 21-JAN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
I (bases 1 to 12)
Switzer, C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.6e+02;
tive 0; Mismatches 0; Indels
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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binding domains
Patent: US 5514546-A 19 07-MAY-1996;
Location/Qualifiers
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Patent: US 5596091-A 2 21-JAN-1997;
Location/Qualifiers
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Sequence 2 from patent US 5596091.
134637
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Sequence 1 from patent US 5596091.
134636
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0 c 0 g
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Matches 12; Conservative
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134636/c
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1 (bases 1 to 12)
Pfleiderer, W., Schnell, R. and Matysiak, S.
Solid-phase synthesis of oligoribonucleotides
Patent: US 5652388-A 1 29-JUL-1997;
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1.1%; Score 12; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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1 (bases 1 to 12)
Barascut, J. L. and Imbach, J.-L.
011gothiomucleotides
Patent: US 5639873-A 5 17-JUN-1997;
Location/Qualifiers
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Patent: US 5683874-A 8 04-NOV-1997;
Location/Qualifiers
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Sequence 8 from patent US 5683874.
172093.
172093.1 GI:3008232
12 bp
Sequence 5 from patent US 5639873.
147693.
147693.1 GI:2471658
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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1 (bases 1 to 12)
Barascut, J. L. and Imbach, J.-L.
011gothionucleotides
Patent: US 5639873-A 3 17-JUN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 12)
Barascut, J. L. and Imbach, J.-L.
Coligochiomucleotides
Patent: US 5639873-A 2 17-JUN-1997;
Location/Qualifiers
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Sequence 3 from patent US 5639873.
147691.1 GI:2471656
      Patent: US 5596091-A 9 21-JAN-1997;
Location/Qualifiers
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Sequence 2 from patent US 5639873.
147690.
147690.1 GI:2471655
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Unclassified.
Unclassified.
Xool, B.T.
Single-stranded circular oligonucleotides capable of forming
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Query Match
1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Falb,D.
Falb,D.
Compositions and methods using rchd534, a gene uregulated by shear
stress
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                                    Unknown.
Unknown.
Unclassified.
1 (bases 1 to 13)
Smith, H.S. and Chen, L.-C.
Methods for identifying genes amplified in cancer cells
Patent: US 5776683-A 10 07-JUL-1998;
Location/Qualifiers
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Best Local Similarity 92.3%; Pred. No. 9.1e+02;
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Location/Qualifiers
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Sequence 19 from patent US 5849578.
AR065881
AR065881.1 GI:5996097
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Sequence 19 from patent US 5834248.
AR053554.1 GI:5978416
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 AR016242.1 GI:3972519
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1 (bases 1 to 13)
Falb, D.A.
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Single-stranded circular oligonucleotides capable of forming a triplex with a target sequence
Patent: US 5683874-A 15 04-NOV-1997;
Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 11 from patent US 5683874.
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1 (bases 1 to 12)
Kool,E.T.
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AR016242/c
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1 (bases it to 13)

1 (bases it to 13)

Falb, D.A. and Gimbrone, M.A. Jr.

Compositions and methods for the treatment and diagnosis of cardiovascular disease

cardiovascular disease

Patent: Usc 4921266.A 16 10-DEC-2002;

Location/Qualifiers

1 others
                   Unknows...
Unclassified.
Unclassified.
1 (bases 1 to 13)
Falb,D.A. and Gimbrone,M.A. Jr.
Compositions and methods for the treatment and diagnosis of cardiovascular disease using rchd534 as a target cardiovascular disease using rchd534 as a target Patent: US 6225084-A 19 01-MAY-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 13)
1 (bases 1 to 13)
Garner,H.R., Wesn,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 29 29-OCT-2002;
Location/Qualifiers
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tive 0; Mismatches 0;
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llarity 92.3%; Pred. No. 9.1e+02;
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Sequence 16 from patent US 6492126.
AR265160 1 GI:29693562
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Sequence 29 from patent US 6472154.
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Falb, D.A. and Gimbrone, M.A. Jr.
Compositions and methods for the treatment and diagnosis of cardiovascular diseases are an estated for the treatment and Location of the treatment and diagnosis of patent: US 6087477-A 16 11-JUL-2000;
Location/Qualifiers
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Falb, D.A. and Gimbrone, M.A. Ur.
Compositions and methods for the treatment and diagnosis of cardiovascular disease using rchd523 as a target
Patent: US 5968770-A 19 19-OCT-1999;
Location/Qualifiers
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Sequence 19 from patent US 6225084.
AR148318 AR148318.1 GI:15112408
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E (hases 1 to 14)
S Bloom, D., Fathman, C.Garrison. and Slaymaker, S.
Anergy genes
AL Patent: US 5747299-A 2 05-MAY-1998;
Location/Qualifiers
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/organisme="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" 3 t
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Location/Qualifiers
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Sequence 2 from patent US 5747299.
AR004935.1 GI:3965814
/mol_type="genomic DNA"
/db_xref="taxon:82513"
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Species specific detection method for trichosporon and novel
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C12N15/09,C12Q1/04,C12Q1/68//(C12N15/09,C12R1:645),C12N15/00, PC
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Non-mammalian mesoderm induction early response (nm-mier) gene
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DP.2298.1 GI.13022106
Trichosporon brassicae
Trichosporon brassicae
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Trichosporon brassicae
Eukaryota; Fungi; Basidiomycota; Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
Trichosporon.
1 (bases 1 to 13)
Takashi,S., Akemi,N. and Takako,S.
Species: Specific detection method for trichosporon and novel
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Matches 12; Conservative 0; Mismatches 0; Indels
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GILLESPIE LAURA LEE (CA); PATERNO GARY DAVID (CA)
Location/Qualifiers
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/organism="Trichosporon brassicae"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="pcr oligonucleotide"
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Patent: JP 2000060564-A 66 29-FEB-2000;
IATRON LAB INC
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1 (Dases 1 to 14)
Gryaznov,S.M.
Convergent synthesis of branched and multiply connected
macromolecular structures
Patent: US 5830658-A 8 03-NOV-1998;
Location/Qualifiers
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Synthesis of branched nucleic acids
Patent: US 6180777.A 6 30-JAN-2001,
Location/Qualifiers
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Sequence 6 from patent US 61807777.
AR127785.
AR127785.1 GI:14114380
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Sequence 8 from patent US 5851764.
AR067459 GI:5998681
Sequence 8 from patent US 5830658.
AR051240
AR051240.1 GI:5974604
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Best Local Similarity 85.7%; Pred. No. 9.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels
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Matches 12; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 14)

Borchert, T.Vedel., Kretzschmar, T. and Cherry, J.R.
Shuffiling of heterologous DNA sequences

Patent: US 6291165-A 26 18-SEP-2001,

Location/Qualifiers
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Synthesis of branched nucleic acids
Patent: US 6180777-A 8 30-JAN-2001,
Location/Qualifiers
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Sequence 26 from patent US 6291165.
AR169361.1 GI:17907214
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AR127787.
AR127787.1 GI:14114382
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I (bases I (bases)
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 20 23-OCT-2001;
Localion/Qualifiers
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1 (bases 1 to 14)

1 (bases 1 to 14)

Perkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein

Patent: US 6306624-A 23 23-OCT-2001;

Location/Qualifiers
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Signal transduction protein involved in plant dehiscence
Patent: WO 9949046-A 1 30-SEP-1999;
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100.0%; Pred. No. 9.6e+02;
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Sequence 23 from patent US 6306624.
AR174033 AR174033.1 GI:17914353
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Sequence 20 from patent US 6306624.
ARI74030.1 GI:17914350
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Sequence 1 from Patent WO9949046.
AX016298 GI:10041861
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AR174030/c
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AR174033/C
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: Location/Qualifiers
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(Inclases 1 to 14)

1 (bases 1 to 14)

Perkovich, P.Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein

Patent: US 6306624-A 15 23-OCT-2001;

Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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                       (bases 1 to 14)

Borchert, T. Vedel., Kretzschmar, T. and Cherry, J.R. Shuffling of heterologous DNA sequences
Patent: US 6291165-A 28 18-SEP-2001;
Location/Qualifiers
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Sequence 15 from patent US 6306624.
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AR174025.1 GI:17914345
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ROBERTS JEREMY ALAN (GB); BIOGEMMA UK LTD (GB); WYATT PAUL (GB); WHITELAM CATHERINE (GB)
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Zis-sr nucleic acid and amino acid sequences involved in the regulated secretory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 26 08-AUG-2002;
Universite de Sherbrooke (CA)
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Zis-sr nucleic acid and amino acid sequences involved in the regulated secretory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 28 08-AUG-2002;
Universite de Sherbrooke (CA)
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100.0%; Pred. No. 9.6e+02;
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/organism="synthetic construct"
/organism="synthetic construct"
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/db xref="taxon:33630"
/note="Oligonucleotide"
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Sequence 28 from Patent WO02061082.
AX642210
AX642210.1 GI:28474658
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Sequence 26 from Patent WO02061082.
AX642208 1 GI:28474656
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AX642210/c
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Antisense oligonucleotides which can inhibit the formation of capillary tubes by endothelial cells
Patent: WO 02103014-A 24 27-DEC-2002;
Al-Mahmood, Salman, (FR).
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Antisense oligonuclectides which can inhibit the formation of Antisense oligony endothelial cells capillary tubes by endothelial cells Patent: WO 02103014-A 26 27-DEC-2002;
Al-Mahmood, Salman (FR)
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                                                                                                   Length 14;
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/organism="synthetic construct"
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/note="Oligonuclectide anti-sens."
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Oligonuclectide anti-sens"
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1.1%; Score 12; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 12; Conservative 0; Mismatches 0;
                                                                                                 1.1%; Score 12; DB 1; Lv
100.0%; Pred. No. 9.6e+02;
tive 0; Mismatches 0;
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Sequence 24 from Patent WO02103014.
AX659630
/mol_type="genomic DNA"
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/note="Oligonuclectide"
1 c 1 g
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PAT 27-AUG-2002
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Suishelm, K., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Isolation of novel aging factor gene P23
UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/12
PP 05-AUG-2001
PF 05-AUG-1997 US 08/908873
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
C12Q1/68, C07K14/435, C07K16/18, C12N1/15, C12N1/19, C12N1/15, PC
   PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC (12021/68, CO7K14/435, CO7K16/18, C12N1/15, C12N1/19, C12N15/09, PC (12221/02, C12P21/02, C12P21/03, C12N15/00) CC Strandedness: Single; CC Topology: Linear; Single; CC Topology: Linear; Single; CC Topology: Linear; Single; CF Topology: Linear; CC Topology: Linear; PF Rey Location/Qualifiers FT source Location/Qualifiers FT source / Organism='Unidentified'.
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100.0%; Pred. No. 9.6e+02;
ive 0; Mismatches 0; Indels
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Strandedness: Single;
Topology: Linear:
Isolation of novel aging factor gene P23
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BD073887.1 GI:22619490

JP 2001512698-A/12.

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|/organiem="unidentified"
|/mol_type="genomic DNA"
|/db_xref="taxon:32644"
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    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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FH KEY
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BD073887/c
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1 (bases to 14)

Suishelm, K., Hosier, S. and Kubbies, M.

Isolation of novel aging factor gene P23

LONIVERSITY OF WASHINGTON
OS Unidentified
PD 28-AUG-2001;
PP 50-1512698-A/9

PD 28-AUG-2001
PP 05-AUG-1997 US 08/908873

PR AREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
C1201/68, CO7K14/435, CO7K16/18, C12N1/15, C12N1/19, C12N1/509, PC
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/organism='Unidentified'
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BD073885.1 GI:22619488
BD073885.1 GI:22619488
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1 (bases 1 to 14)
Suishelm, V., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 10 28-Aug-2001;
ONIVERSITY OF WASHINGTON
ONIVERSITY OF WASHINGTON
ONIVERSITY OF WASHINGTON
ONIVERSITY OF WASHINGTON
PN JP 2001512698-A/10
PP 28-Aug-2001
PP 08-Aug-1999 JP 200556375
PR 08-Aug-1997 US 08/908873
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100.0%; Pred. No. 9.6e+02;
Live 0; Mismatches 0;
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| db c c 2 g 12
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                                                                                                                                                                                   BD073884.1 GI:22619487 JP 2001512698-A/9. unidentified
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Unclassified.

| (bases 1 to 15)
| Draper.K.G.
| Method and reagent for inhibiting hepatitis C virus replication Patent: US 5869253-A 417 09-FEB-1999;
| Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
1 chases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication Patent: US 5869253-A 419 09-FEB-1999;
Location/Qualifiers
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Villeponteau, B., Feng, J., Funk, W. and Linskens, M.H.K. Method and Kit for enhanced differential display Patent: Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 417 from patent US 5869253.
AR033651
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Seguence 419 from patent US 5869253.
AR033653
                                               14 bp
Sequence 2 from patent US 5580726.
130173
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AR033651/c
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                   PAT 27-AUG-2002
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solution of novel aging factor gene P23
L (bases 1 to 14)
S Suishelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
L Patent: JP 2001512698-A 13 28-AUG-2001;
UNIVERSITY OF WASHINGTON
OS UDidentified
PN JP 2001512698-A/13
PD 28-AUG-2001
PF 08-AUG-1997 US 08/908873
PR 08-AUG-1997 US 08/908873
PR 08-AUG-1997 US 08/908873
PR C1201/68,COTK14/435,COTK16/18,C12N1/15,C12N1/19,C12N15/09, PC C1201/08,C12N1/08,C12N16/18,C12N1/15,C12N1/19,C12N15/09, PC C1201/08,C12N16/18,C12N1/15,C12N1/19,C12N15/09, PC C1201/08,Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
FF Source Location/Qualifiers
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Gryaznov,S.M.
Convergent synthesis of branched and multiply connected macromomolecular structures
Patent: US 5571677-A 8 05-NoV-1996;
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100.0%; Pred. No. 9.6e+02;
tive 0; Mismatches 0; Indels
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Location/Qualifiers
             Isolation of novel aging factor gene P23
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|/organism="unidentified"
|/mol_type="genomic DNA"
|/db_xef="taxon:32644"
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Sequence 8 from patent US 5571677.
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I (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 358 17-OCT-2000;
Location/Qualifiers
                                                     Unknown,
Unclassified.
Unclassified.
I (bases 1 to 15)
Draper N.G
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 419 17-0CT-2000;
Location/Qualifiers
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Tournier-Lasserve, B., Joutel, A., Bousser, M.-G. and Bach, J.-F. Gene involved in cadasil, method of diagnosis and therapeutic application
Patent: US 6537775-A 4 25-MAR-2003;
Location/Qualifiers
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100.0%; Pred. No. 1e+03;
iive 0; Mismatches 0
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AR113912.1 GI:14094234
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Sequence 4 from patent US 6537775.
AR300202
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    AR113475
AR113475.1 GI:14093797
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1 (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 132966.4 417 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Patent: US 5837542-A 358 17-NOV-1998;
Location/Qualifiers
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                                             Length 15;
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100.0%; Pred. No. 1e+03;
Live 0; Mismatches 0; Indels
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                                          Score 12; DB 1;
Pred. No. 1e+03;
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Sequence 358 from patent US 5837542.
AR056154.
AR056154.1 GI:5981731
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AR113475/c
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DBFINITION Sequence 419 from patent US 6132966.
                                       Query Match
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Best Local Similarity 100.0%; Pred. No. 1e+
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/organism="unknown"
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AR113473/C
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Woolf,T.
Method and reagent for inhibiting the expression of disease related
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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AX636155 AX636159 AX636150 GI:28471769
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 330 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 330 from Patent EP1260586.
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/mol_type="mRNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
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Method for the parallel detection of the degree of methylation of
genomic dna
Patent: WO 0142493-A 266 14-JUN-2001;
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Method for the parallel detection of the degree of methylation of genomic dna
Patent: WO 0142493-A 267 14-JUN-2001;
Epigenomics AG (DB)
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1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"

/no! type="genomic DNA"

/db_xref="taxon:32630"

/note="chemisch vorbehandelte Genom-DNA"
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1. 15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texcn:22630"
/note="chemisch vorbehandelte Genom-DNA"
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1.1%; Score 12; DB 1;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0
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AX190916 AX190916.1 GI:15144200
                                                                                                                                                                                                   15 bp 1 Sequence 266 from Patent W00142493. AX190915
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                                                                                                   4 ACACAGCCCCC 15
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Matches 12; Conservative
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AX190915/c
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AX190916
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BASE COUNT

REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

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AUTHORS TITLE

JOURNAL

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PAT 07-0CT-1997

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Unclassified.
Unclassified.
1 (bases 1 to 15)
1 Daper,K.G.
Enzymeic.RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 417 11-MAR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown.
Unclassified.
Unclassified.
I (bases 1 to 15)
Draper, K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 419 11-MAR-1997;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Matches 12; Conservative 0; Mismatches 0; Indels
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Unclassified.
1 Dases 1 to 15)
Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
                                                                                                                                                     15 bp Di
Sequence 417 from patent US 5610054.
157880.
157880.1 GI:2482944
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Sequence 350 from patent US 5658780.
1161796 1 GI:2479744
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/organism="unknown"
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1084 AAAAAAAAAA 1095
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157880/c
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I57882/c
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synthetic construct

artificial sequences.

I (bases 1 to 15)

Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and

Nishida,M.

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                                                                                        PAT 27-AUG-2002
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Unclossified.
Unclassified.
(bases 1 to 15)
McLean,M.J., Holland,D., Garman,A.J. and Sheppard,R.C.
Multiple Objection containing oligomers and the cleanable linkers used in their preparation
linkers used in their preparation
Patent: US 552535-A 2 03-SEP-1996;
Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DRA"
/db_xref="taxon:32630"
a 1 c 7 g 1 t
                                                                                     2 15 bp DNA method for determining HLA type.
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Sequence 2 from patent US 5552535.
125868
                                                                                                       Kit and method for deter
BD103922
BD103922.1 GI:22649496
WO 0192572.A/26.
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125868/c
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BD103922
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PAT 10-APR-2003
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McClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Patent: US 6495119-A 57 17-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 16)
McClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Patent: US 6495319-A 85 17-DEC-2002;
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Brunkow, M. B., Proll, S., Paeper, B. and Staehling-Hampton, K. Methods for identifying genomic deletions
Patent: US 6475739-A 29 05-NOV-2002;
Location/Qualifiers
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                                16 bp C
Sequence 29 from patent US 6475739.
AR242883.1 GI:27289545
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Sequence 57 from patent US 6495319.
AR266619.1 GI:29695683
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Sequence 85 from patent US 6495319.
AR266647
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| 1 c 1 g
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/organism="unknown"
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AR26619/C
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AR242883/c
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AR266647/c
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FEATURES
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Thompson,R.F., Gomi,H. and Sun,W.
Thompson,R.F., Gomi,H. and Sun,W.
CDNA, genomic, and predicted protein sequences of learning-induced kinase
Rinase
Patent: US 6428994-A 1 06-AUG-2002;
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Hawdon, J.M., Hotez, P.J. and Jones, B.F.
Nucleic acids encoding ancylostoma secreted protein
Patent: US 5753787-A 13 19-MAY-1998;
Location/Qualifiers
                                                                                                 1.1%; Score 12; DB 1; Length 15; 100.0%; Pred. No. 1e+03; tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.1e+03;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.1e+03;
tive 0; Mismatches 0;
Rel a targeted ribozymes
Patent: US 5658780-A 350 19-AUG-1997;
Location/Qualifiers
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Sequence 13 from patent US 5753787.
AR008570.1 GI:3967679
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AR221992
AR221992.1 GI:23329318
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8 c 2 g
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7 c 5 g
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Best Local Similarity 100.
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Leffers, H., Jorgensen, M. and skakkeb K, N.E. Endogenous gene expression assay Patent: WO 0134834-A 19 17-MAY-2001; Rigshospitalet (DK)
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/note="primer"
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Sequence 19 from Patent W00134834.
AX146677
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Sequence 23 from Patent W00171013.
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AX253411.1 GI:16073945
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Bruguiera gymnorrhiza
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosida; eurosida I; Malpighiales; Rhizophoraceae; Bruguiera.
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/note="Artificially Synthesized Primer Sequence"
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/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="PRIMBR"
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Patent: WO 0130999-A 81 03-MAY-2001;
EBARA CORPORATION (JP)
Location/Qualifiers
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Sequence 14 from Patent WO9934217.
AX003112
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Sequence 81 from Patent W00130999.
AX127438 AX127438.1 GI:14133903
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PAT 31-MAY-2001
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Melon promoters for expression of transgenes in plants
Patent: WO 0171013-A 3 27-SEP-2001;
Exelixis Plant Sciences, Inc. (US)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Brodin, P. and Thelin, A. Molecules involved in the regulation of insulin resistance syndrome
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Human and mouse e2-protein, nucleic acids coding therefor and uses
thereof
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AstraZeneca AB (SE)
Location/Qualifiers
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AstraZeneca AB (SE)
Location/Qualifiers
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Sequence 3 from Patent WO0218568.
AX394752
AX394752.1 GI:21065831
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Sequence 7 from Patent WO0218421.
AX394783
AX394783.1 GI:21065857
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                              Gluconobacter cerinus
Gluconobacter cerinus
Bacteria, Proteobacteria, Alphaproteobacteria, Rhodospirillales,
Acetobacteraceae, Gluconobacter.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                        Ashby, M.
Methods for the survey and genetic analysis of populations
Patent: WO 0177382-A 168 18-OCT-2001;
Ashby, Matthew (US)
Location/Qualifiers
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Methods for identifying genomic deletions
Patent: Wo 0210455-A 29 07-FEB-2002;
Celltech R & D. Inc. (US); Straehling-Hampton, Karen (US)
Location/Qualifiers
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/note="PCR primer"
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Sequence 29 from Patent WO0210455.
AX384935
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Sequence 1 from Patent W00216632.
AX391465
AX391465.1 GI:19700075
AX282036.1 GI:16609287
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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                /organism='Unidentified'
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Unclassile.

B (Bases I to 16)

B arascut, J.-L. and Imbach, J.-L.

Oligothionucleotides

Patent: US 5639873-A 4 17-JUN-1997;

Location/Qualifiers
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1 (bases 1 to 17)
Riedal, H.
Protein kinase C assay
Patent: US 5776685-A 6 07-JUL-1998;
                                                                                                                                                                                                                                                                                                                                     Sequence 4 from patent US 5639873.
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AR016252
AR016252.1 GI:3972529
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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2 a 2 c 2 g
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unclassified.

I (bases 1 to 16)

Suishelm, K., Hosier, S. and Kubbies, M.

Suishelm, K., Hosier, S. and Kubbies, M.

Suishelm, K., Hosier, S. and Kubbies, M.

Isolation of novel aging factor gene P23

L Datent: UP 2001512698-A3 28-AUG-2001;

UNIVERSITY OF WASHINGTON

OS Unidentified

PR 05-AUG-1998 JP 2000506375

PR 08-AUG-1997 US 08/908873

PF 05-AUG-1999 US 08/908873

PF 05-AUG-1997 US 08/908873

PR CAREN SUIGHELM, SUICANNE HOSIER, WANFRED KUBBIES PC

C1201/68, CO7K14/435, CO7K16/18, C12N1/15, C12N1/19, C12N15/09, PC

C12P21/08, C12P21/08, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Topology: Linear;
                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                    Tuijnder, M., Telerman, A., Amson, R. and Susini, L. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Strandedness: Single;
Topology: Linear;
Isolation of novel aging factor gene P23
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AX494458
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LOCATION/QUALIFIERS
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001512698-A/3.
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Homo sapiens
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In (bases 1 to 17).
Froehler, B., Magner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., Froehler, B., Magner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., and Pudlo, J.
Methods of using oligomers containing modified pyrimidines Patent: US 5830653-A 38 03-NOV-1998;
Location/Qualifiers
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1 (Joase 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1797 06-OCT-1998;
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1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 38 from patent US 5830653.
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AR051157.1 GI:5974521
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DEFINITION Sequence 50 from patent US 5948611.
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/organism="unknown"
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AR047004.1 GI:5968469
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1795 06-OCT-1998;
Location/Qualifiers
                                                                                                                                           Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1681 06-OCT-1998;
Location/Qualifiers
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( bases 1 to 17)

Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1683 06-0CT-1998;

Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
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                                   Sequence 1681 from patent US 5817796.
AR046888.1 GI:5968353
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Sequence 1795 from patent US 5817796.
AR047002.1 GI:5968467
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AR046890/c
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In (bases 1 to 17)

In (bases 1 to 17)

Pavco, P., McSwighon, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6146398-A 7333 12-FEB-2002;

Location/Qualifiers
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I (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endochelial growth factor receptor Patent: US 6346399-A 4152 12-FEB-2002;
Location/Qualifiers
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Sequence 7333 from patent US 6346398.
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AR191845.1 GI:20237810
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AR188874.1 GI:20234839
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AR218660/c
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Mutations in the KONE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: US 6274332-A 7 14-AUG-2001;
Location/Quallfiers
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Prockop, D.J., Ala-Kokko, L., Williams, C.J., Ritvaniemi, P.,
Prockop, D.J., Ala-Kokko, L., Williams, C.J., Ritvaniemi, P.,
Baldwin, C., Hopkinson, I. and Ahmad, N. Nina.
Brimers and methods for detecting mutations in the procollagen II
Gene (COL2A1) that indicate a genetic predisposition for a
COL2A1-associated disease
Patent: US 5948611-A 50 07-SEP-1999;
Location/Qualifiers
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Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
Methods for transport in molecular biological analysis and
diagnostics
datagnostics
Patent: US 6238624-A 22 29-MAY-2001,
Location/Qualifiers
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Sequence 22 from patent US 6238624.
AR153869.1 GI:15121922
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AR072247.1 GI:9999011
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AR164696/C
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Keating,M.T. Sanguinetti,M.C. and Splawski,I.
Mutations in the KCNE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: Location/Qualifiers
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                                                             Unknown.
Unclassified.
1 (bases 1 to 17)
Keating,M.T. Sanguinetti,M.C., Curran,M.E., Landes,G.M.,
Connors,T.D., Burn,T.C. and Splawski,I.
KVLQT1--a long qt syndrome gene
FVLQT1--a long qt syndrome gene
Patent: US 6420124-A 7 16-UUL-2002;
Localion/Qualifiers
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1 (bases 1 to 17)

Keating,M.T., Sandinetti,M.C., Curran,M.E., Landes,G.M., Connors,T.D., Burn,T.C. and Splawski,I.

KVLQT1--a long QT syndrome gene
Patent: US 645:534-A 7 17-SEP-2002;
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Sequence 7 from patent US 6432644.
AR223075
Sequence 7 from patent US 6420124.
AR218660
AR218660.1 GI:23319555
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1 (bases 1 to 17)
Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Mutations in the KCNE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: US 6323026-A 7 27-NVV-2001;
1. oration/Qualifiers
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Endogenous gene expression assay
Patent: WO 0134834-A 22 17-MAY-2001;
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100.0%; Pred. No. 1.1e+03;
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Sequence 22 from Patent WO0134834.
AX146680 AX146680.1 GI:14285073
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Sequence 7 from patent US 6323026.
AR262093
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Patent: WO 0159103-A 3465 16-AUG-2001;
RIBOZYME PHARACEUTICALE, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                  Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: Wo 0159103-A 3207 16-AUG-2001;
RIBOZYME PHARMACHUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/note="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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Sequence 3679 from Patent W00159103.
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Sequence 3465 from Patent WO0159103.
AX218023
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2738 16-AUG-2001,
RIBOOYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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Patent: WO 0134834-A 23 17-MAY-2001;
Rigshospitalet (DK)
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nes 12; Conservative 0; Mismatches 0;
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Sequence 3207 from Patent W00159103.
AX217765
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                  DNA
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Sequence 2738 from Patent WO0159103.
AX217296
                AX146681 17 bp
Sequence 23 from Patent W00134834.
AX146681 GI:14285074
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Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression

Patent: WO 0159103-A 3722 16-AUG-2001;

RIBOZYMS FRARACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)

Location/Qualifiers
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Patent: WO 0159103-A 3682 16-AUG-2001;
RIBOZYKE PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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ive 0; Mismatches 0; Indels
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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/note="Nucleic Acid"
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Sequence 3682 from Patent WO0159103.
AX218240
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent. WO 0159103-A 3680 16-AUG-2001;
RIBOZYME PHARMACEUTALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3681 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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                   Patent: WO 0159103-A 3679 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
MCSW19gen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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AX218239
AX218239.1 GI:15528300
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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PAT 07-SEP-2001

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Sequence 526 from Patent WO0188124.
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Sequence 47 from Patent WO0188124
AX421711
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                      Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Randi, A. M. Method and reagent for the inhibition of erg Patent: WO 0188124-A 46 22-NOV-2001; RIBOZYME PHARACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB) LOCATION/Qualifiers
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                                                                                                                                                                                                                                                                                                                                             MCSwiden expression
Patent: WO 0159103-A 3723 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
MCSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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Sequence 3723 from Patent WO0159103.
AX218281
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Seguence 46 from Patent WO0188124.
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  PAT 18-JUN-2002
                                                                                                                                                Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 47 22-NOV-2001;
RIBOZYME PHARNACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 108124-A 526 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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